

Fig 1.

00000000000000000000000000000000

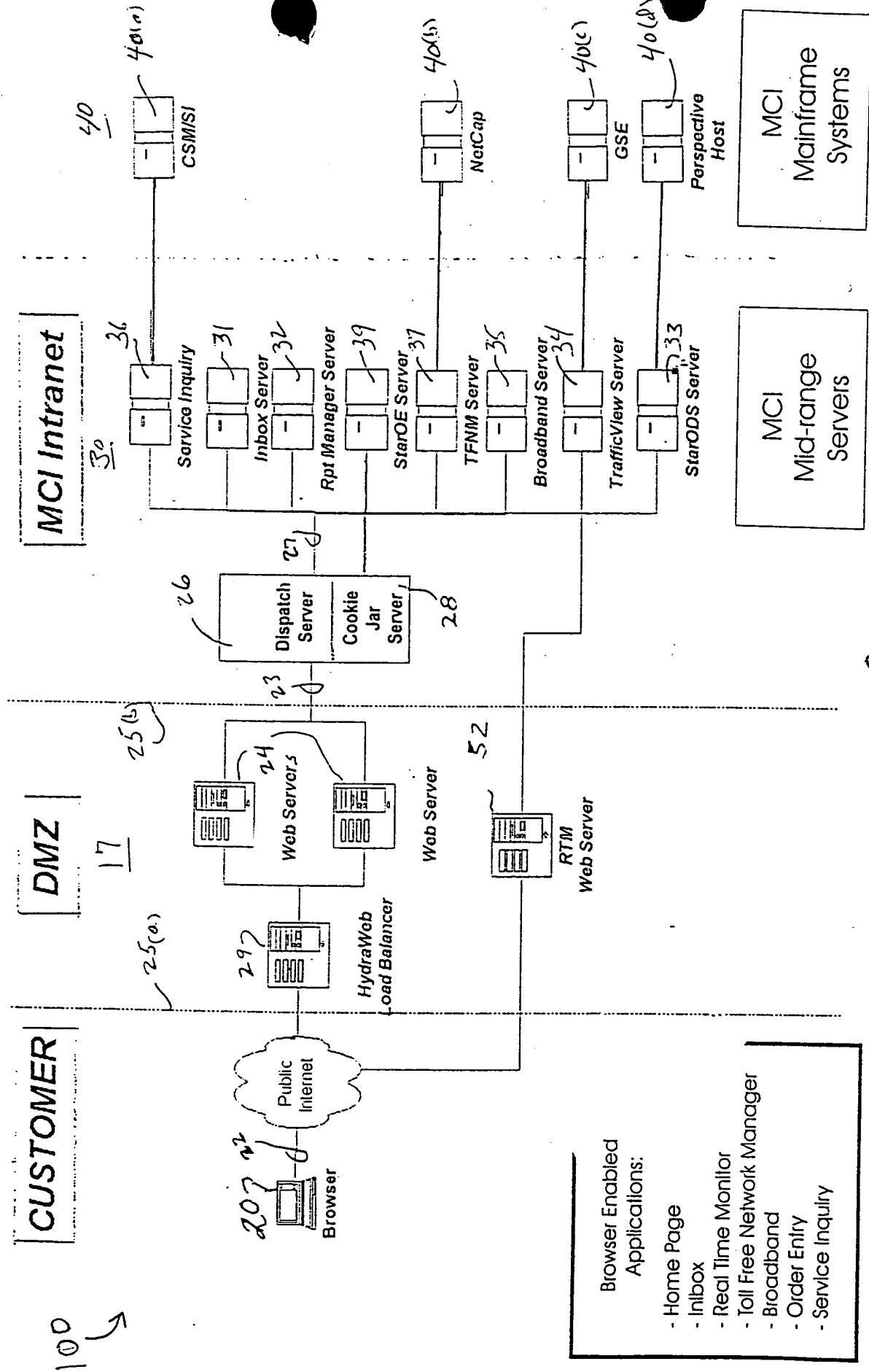


Figure 2

201601565160

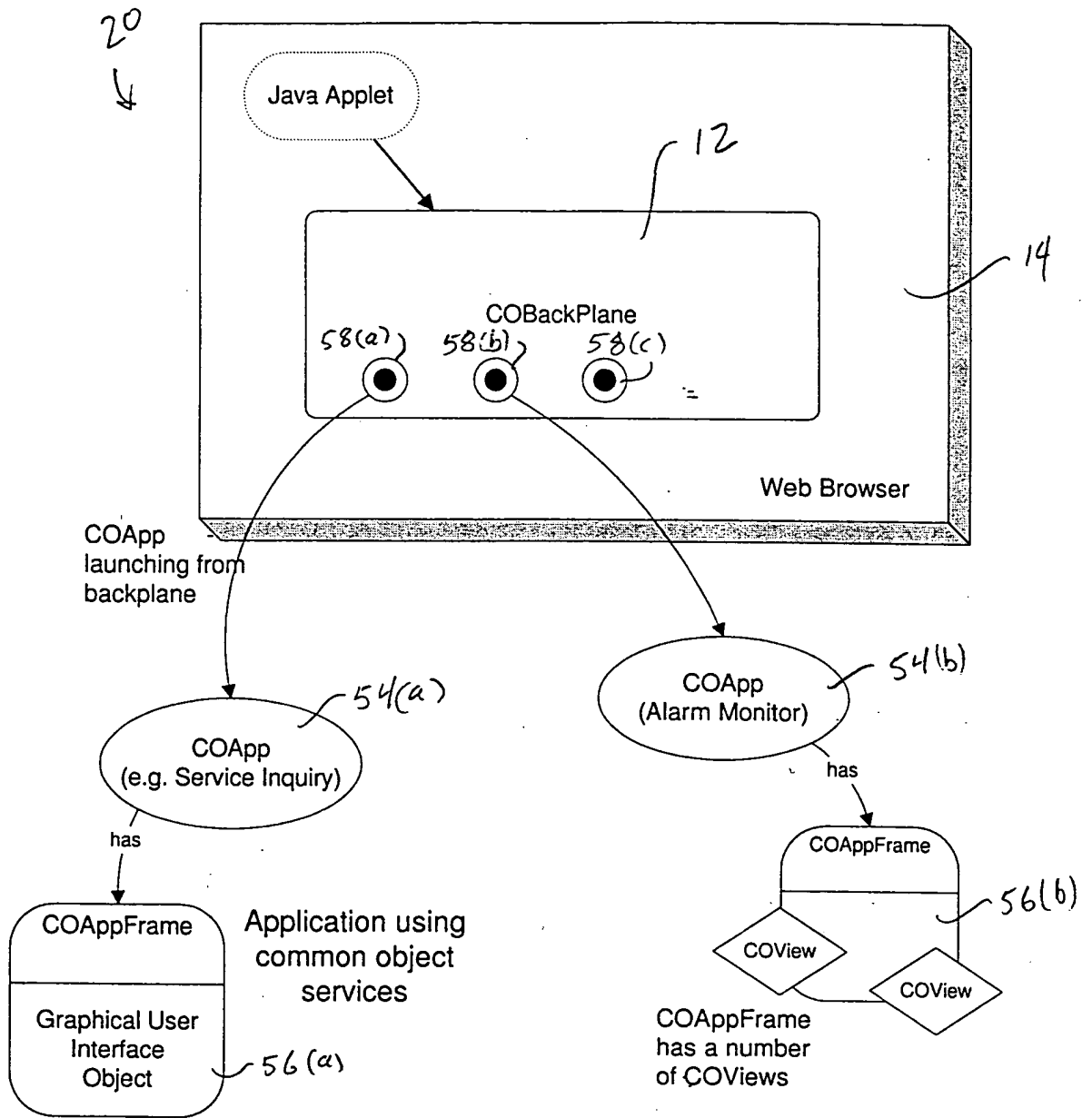


Figure 3

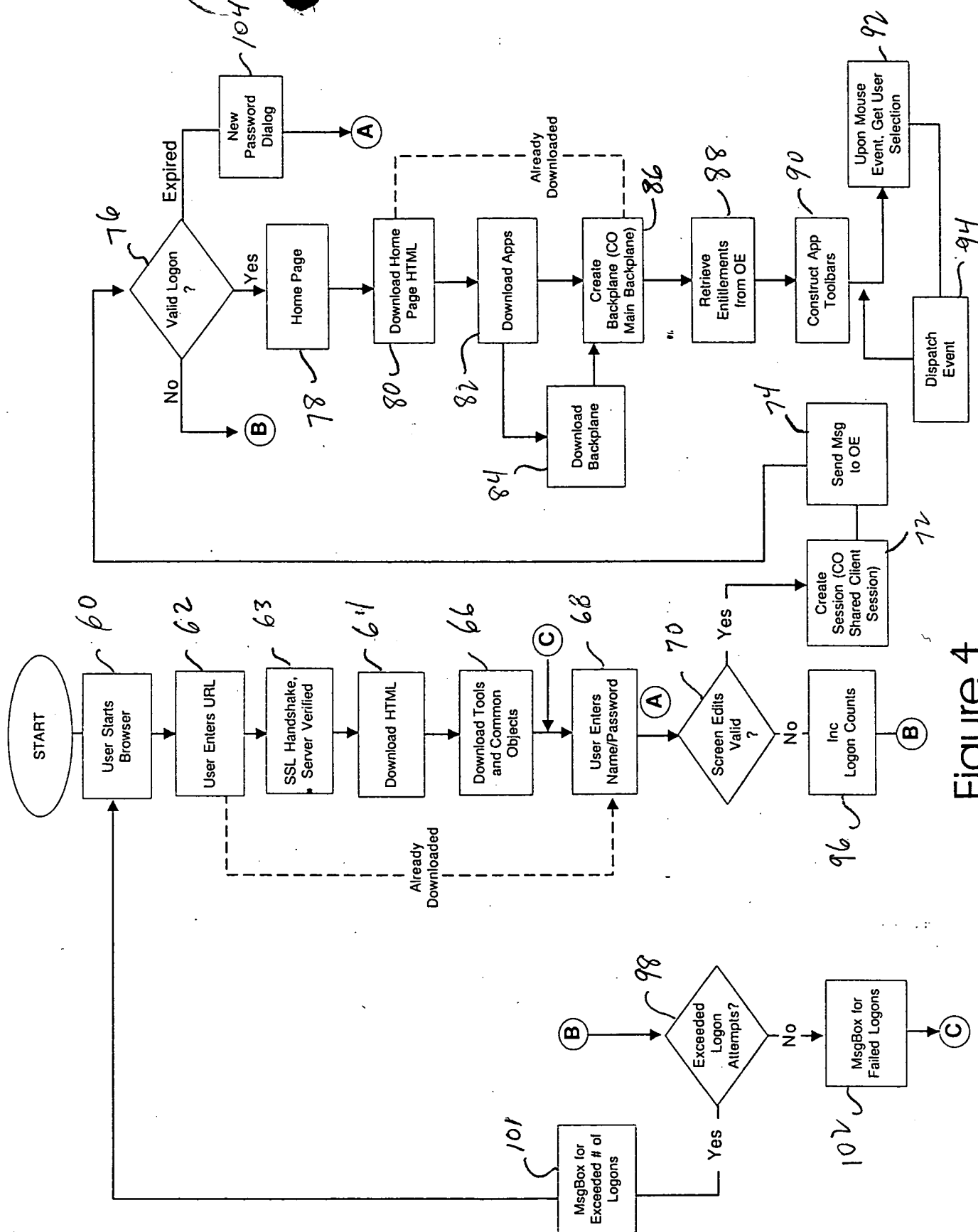


Figure 4



864260 5596560

79(b)

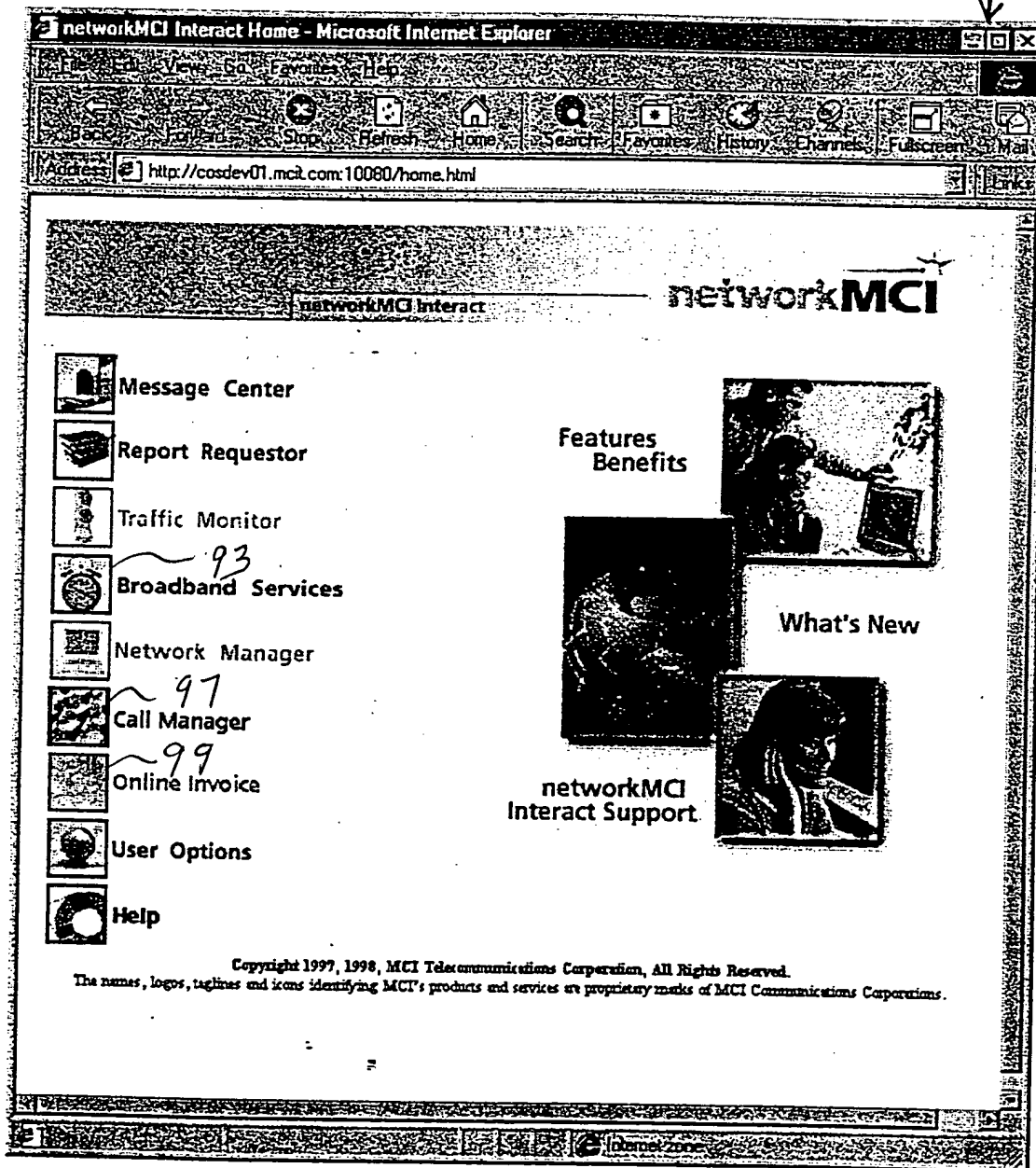
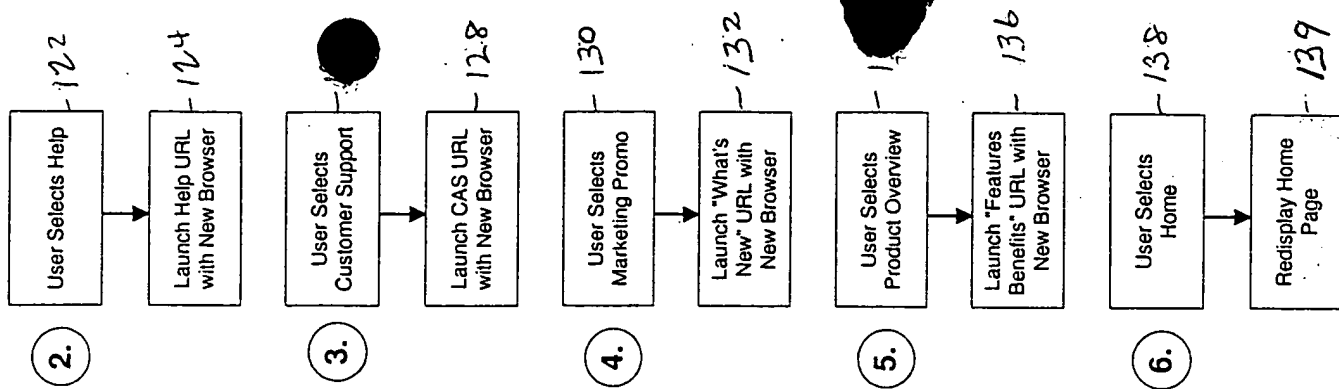
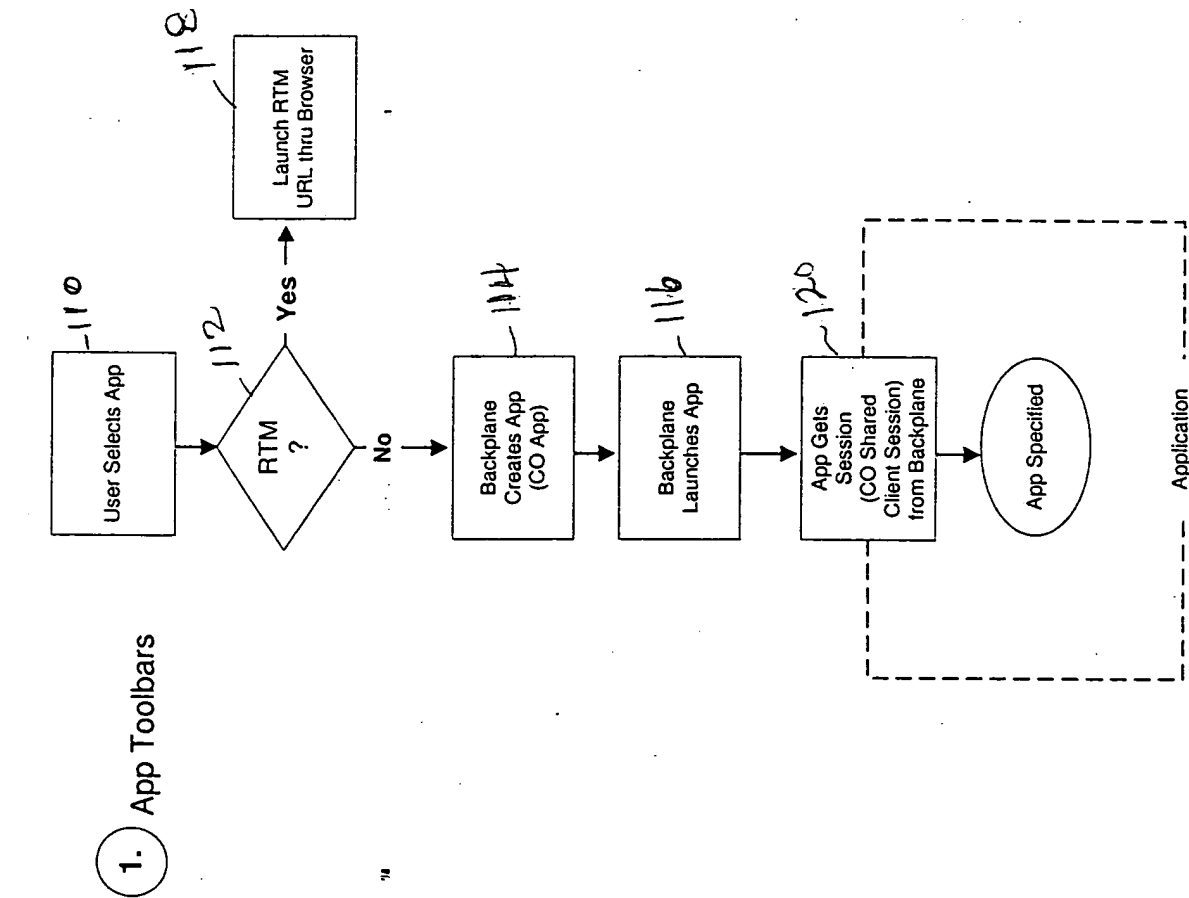


Fig 5(b)



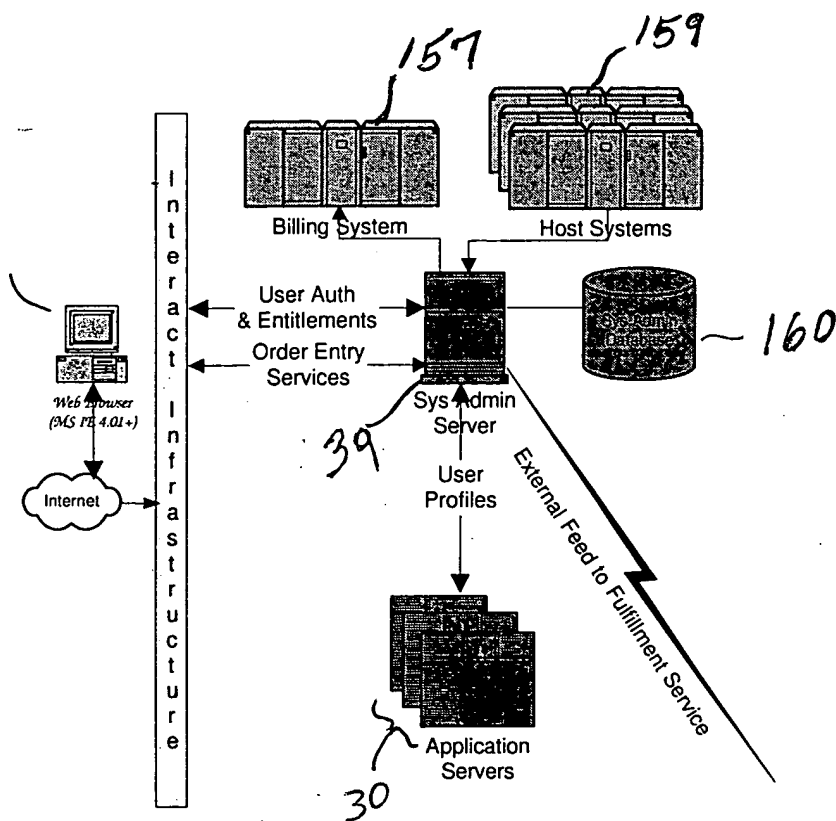


Figure 7





864250-5555750

**StarOE/SysAdmin OUTPUTS**  
High Level Flows 98.4 Release

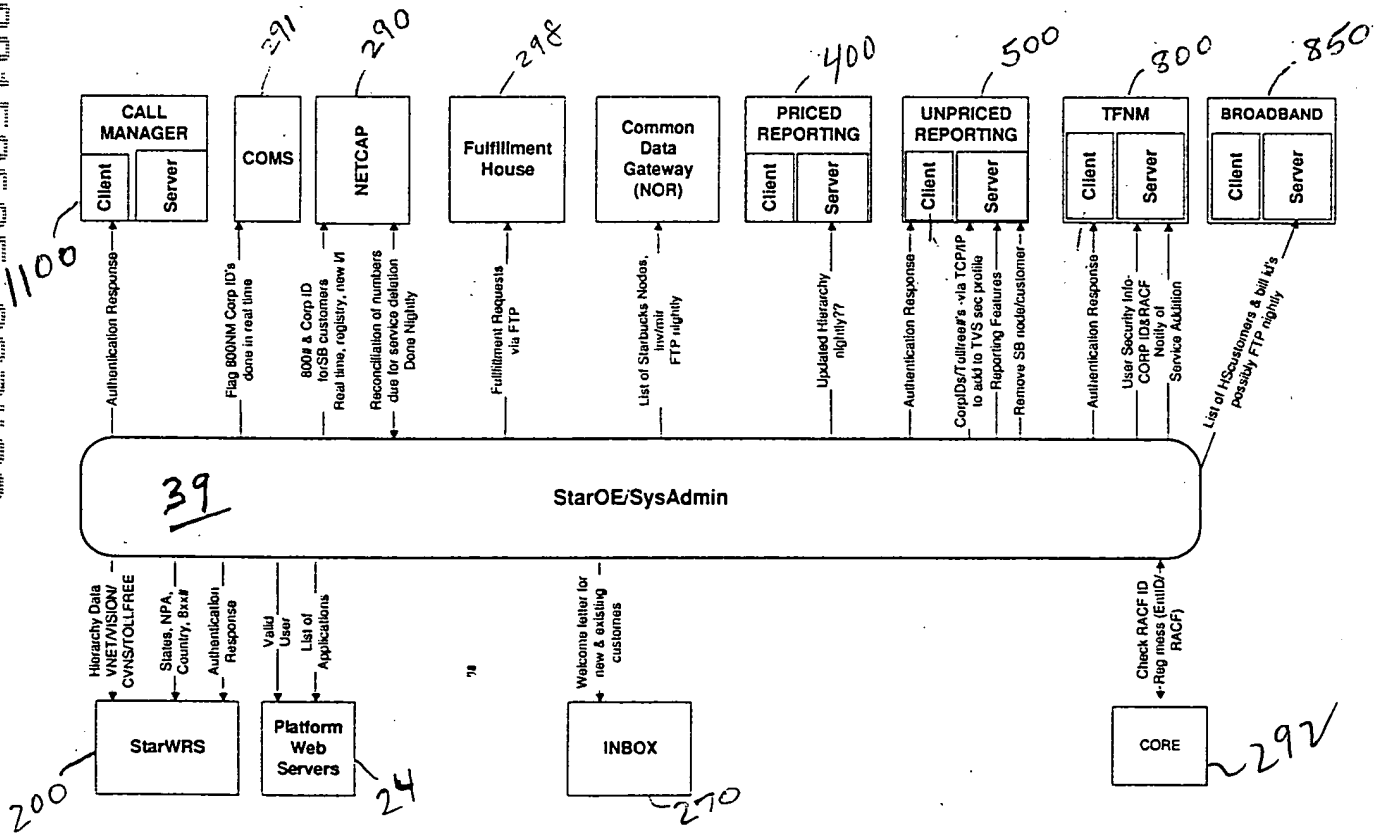


Figure 9

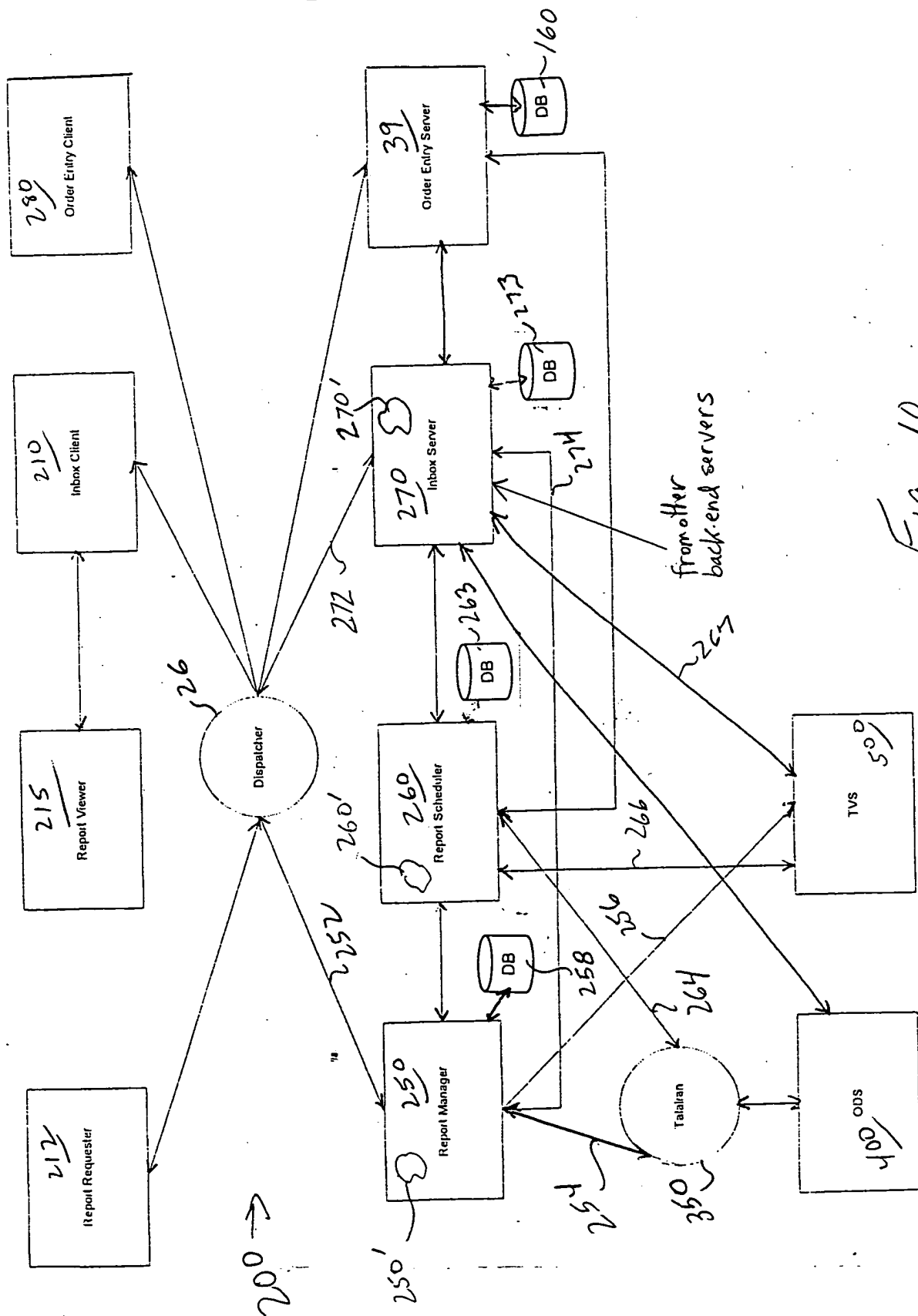
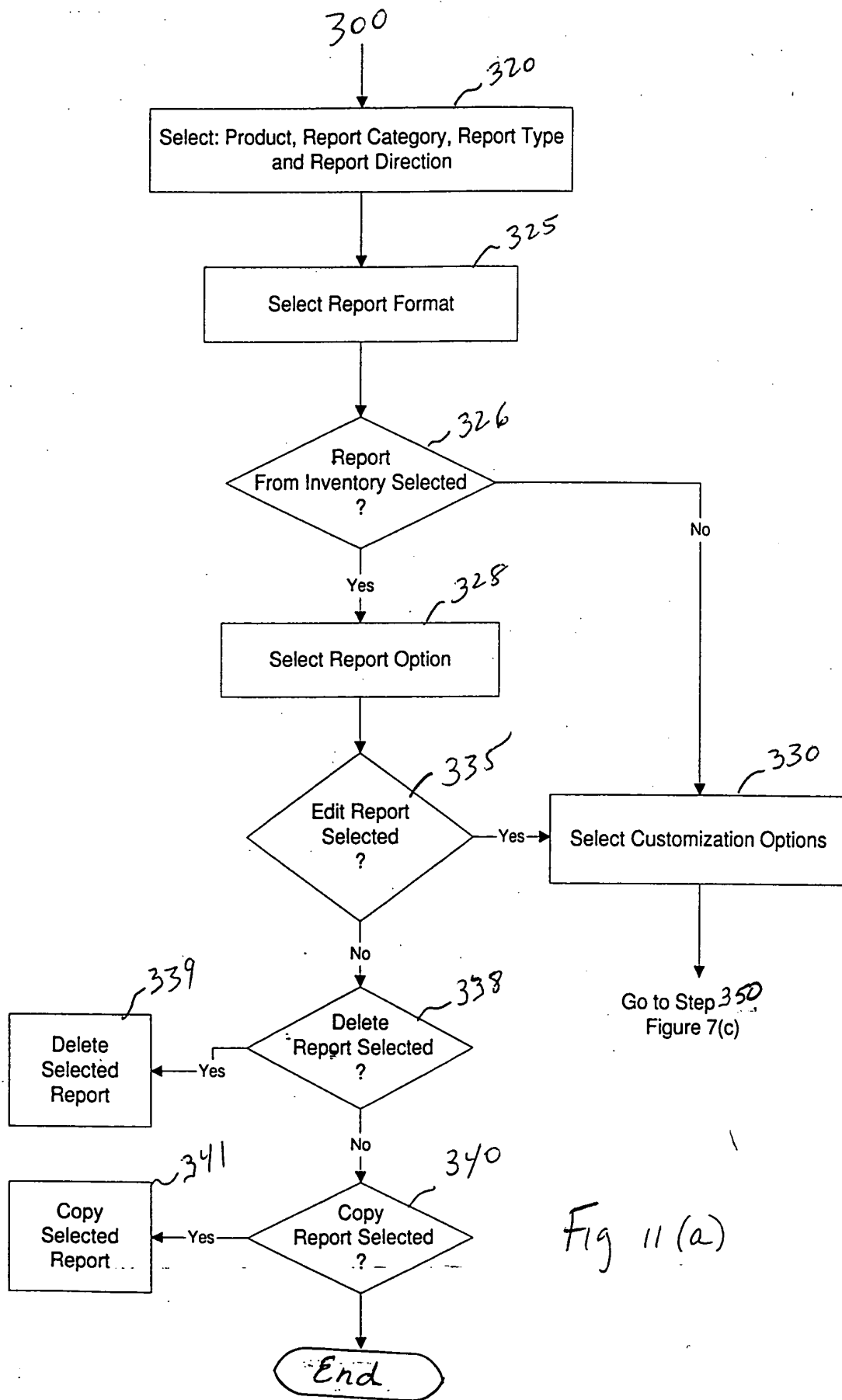


Fig 10



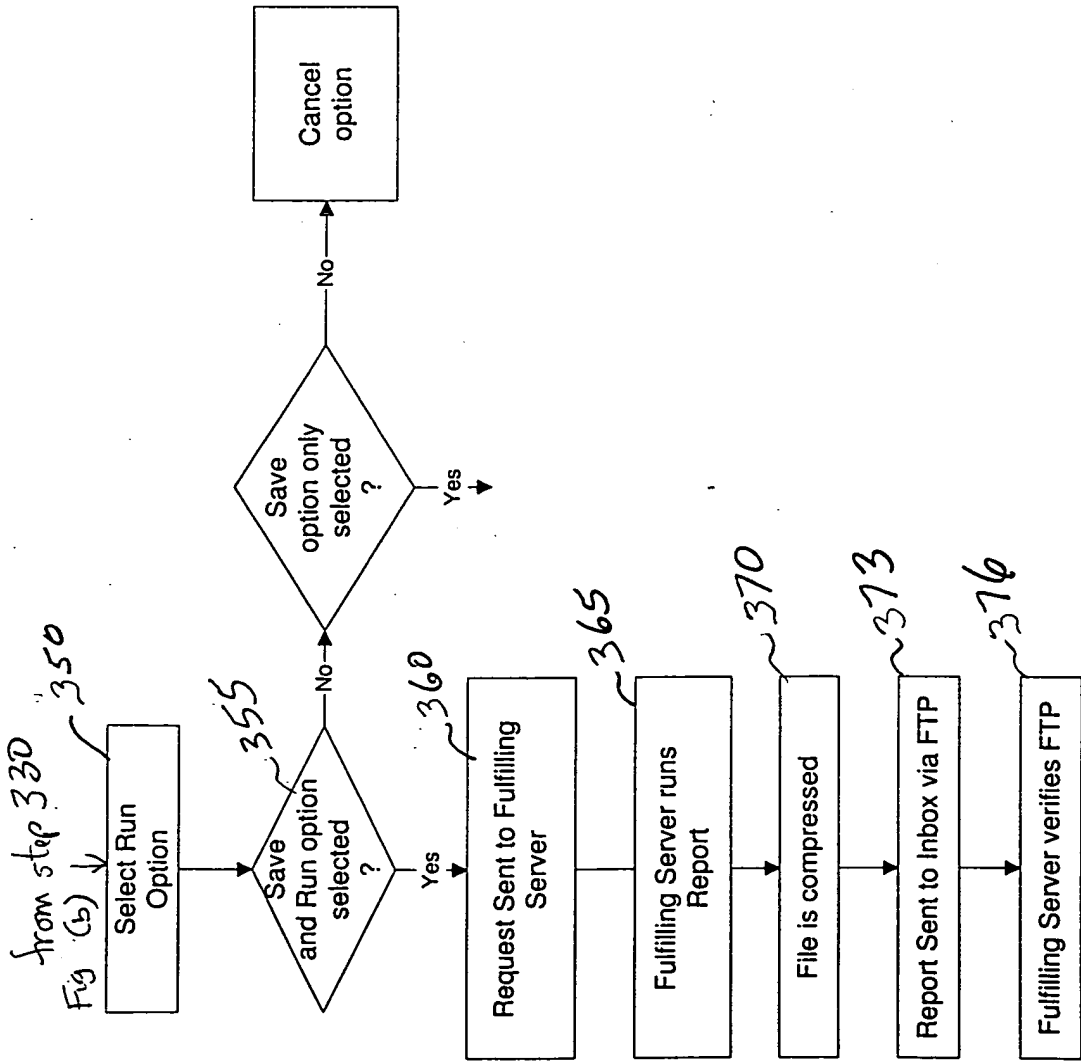


Fig 11(b)

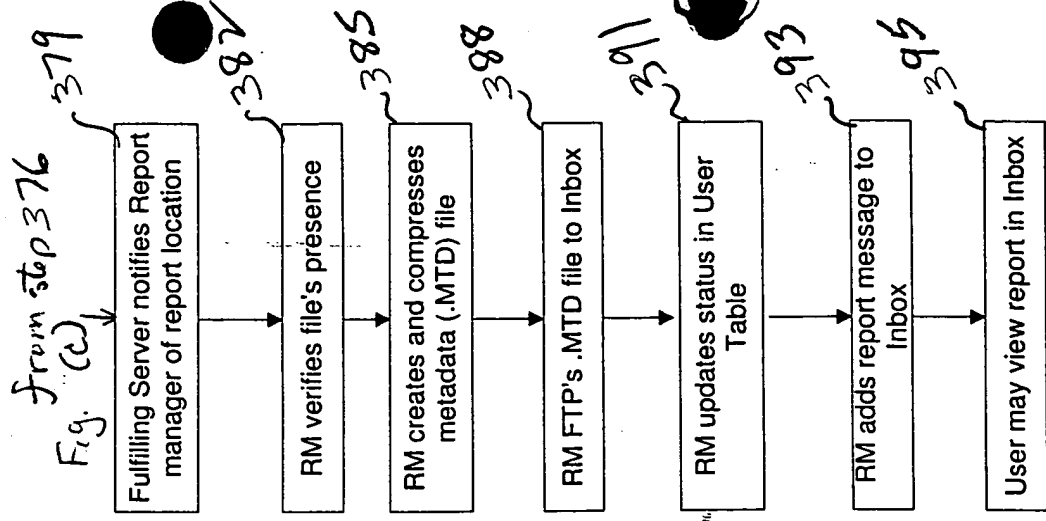


Fig 11(c)

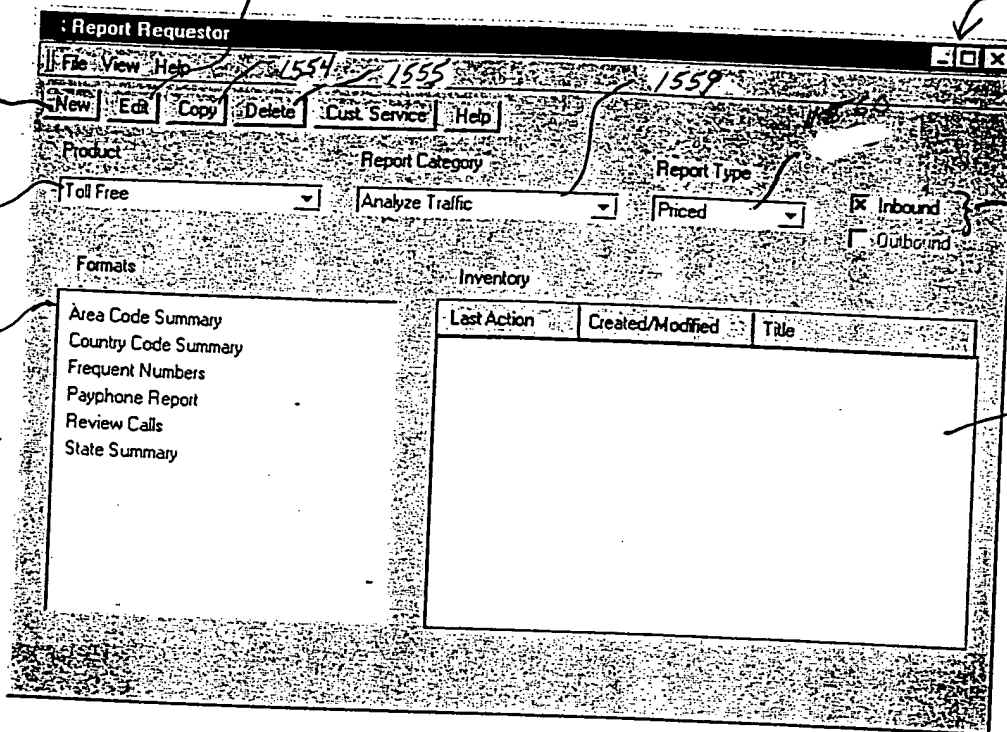


Fig. 12 (a)

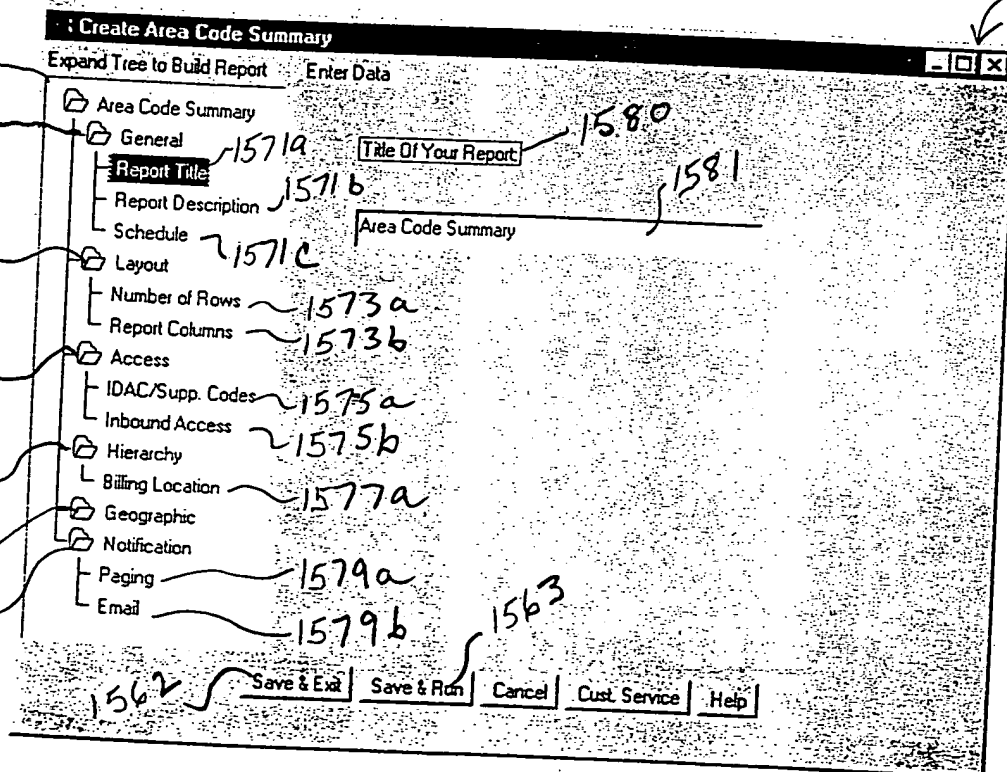


Fig. 12 (b)

**Create Area Code Summary**

Expand Tree to Build Report

- Area Code Summary
  - General
  - Report Title
  - Report Description
  - Schedule**
  - Layout
  - Number of Rows
  - Report Columns
  - Access
  - IDAC/Supp. Codes
  - Inbound Access
  - Hierarchy
  - Billing Location
  - Geographic
  - Notification
  - Paging
  - Email

Enter Data

Schedule Type: ☒ Recurring ☐ One Time ☐ Range ☐ Discrete

Time Zone:

Start Time:

End Time:

Start Date:

End Date:

Buttons: Clear, Add >>, Remove Selection

Buttons: Save & Exit, Save & Run, Cancel, Cust. Service, Help

Fig. 12 (c)

**Create Area Code Summary**

Expand Tree to Build Report

- Area Code Summary
  - General
  - Report Title
  - Report Description
  - Schedule
  - Layout
  - Number of Rows
  - Report Columns**
  - Access
  - IDAC/Supp. Codes
  - Inbound Access
  - Hierarchy
  - Billing Location
  - Geographic
  - Notification
  - Paging
  - Email

Columns: ☒ Sorts: ☒

Selecting Report Columns

Available Columns:

Selected Columns:

- Orig Area Cd
- Orig State
- Calls
- % Calls
- Minutes
- % Min
- Amount
- % Amt
- Avg Min/Call
- Avg Amt/Call
- Avg Min/Amt

Buttons: Add >, < Remove, Up, Down

Orig Area Cd	Orig State	Calls	% Calls	Minutes	% Min	Amount	% Amt	A
one	two	three	four	five				

Buttons: Save & Exit, Save & Run, Cancel, Cust. Service, Help

Fig. 12 (d)

**Create Area Code Summary**

Expand Tree to Build Report

- Area Code Summary
  - General
    - Report Title
    - Report Description
    - Schedule
  - Layout
    - Number of Rows
    - Report Columns**
  - Access
    - IDAC/Supp. Codes
    - Inbound Access
  - Hierarchy
  - Billing Location
  - Geographic
  - Notification
  - Paging
  - Email

Enter Data

Columns: 1588

Sorts: 1591

Selecting Sort Fields

Primary Sort: Orig Area Cd

Available Sorts:
 

- Orig State
- Calls
- % Calls
- Minutes
- % Min
- Amount
- % Amt
- Avg Min/Call
- Avg Amt/Call
- Avg Amt/Min

Selected Sorts: (0) Orig Area Cd

Buttons: Add, Remove, Up, Down, Asc, Desc

Break on Primary Sort, Subtotal on Calls, Minutes and Amount

Totals

Save & Exit Save & Run Cancel Cust. Service Help

Fig 12(e)

**Create Area Code Summary**

Expand Tree to Build Report

- Area Code Summary
  - General
    - Report Title
    - Report Description
    - Schedule
  - Layout
    - Number of Rows
    - Report Columns
  - Access
    - IDAC/Supp. Codes
    - Inbound Access**
  - Hierarchy
  - Billing Location
  - Geographic
  - Notification
  - Paging
  - Email

Enter Data

Inbound Access: 1601

800 Business Line

800 Dedicated

800 Network Call Re

800 Wide Area Telec

Buttons: Add, Remove, Add All, Remove All

Save & Exit Save & Run Cancel Cust. Service Help

Fig 12(f)



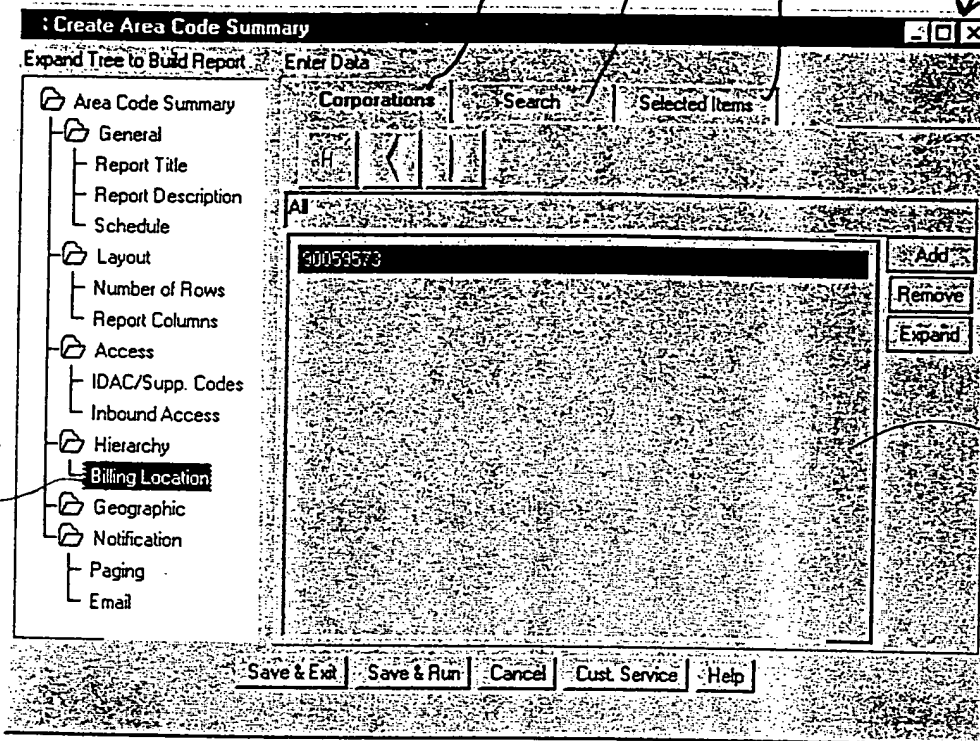


Fig 12(g)

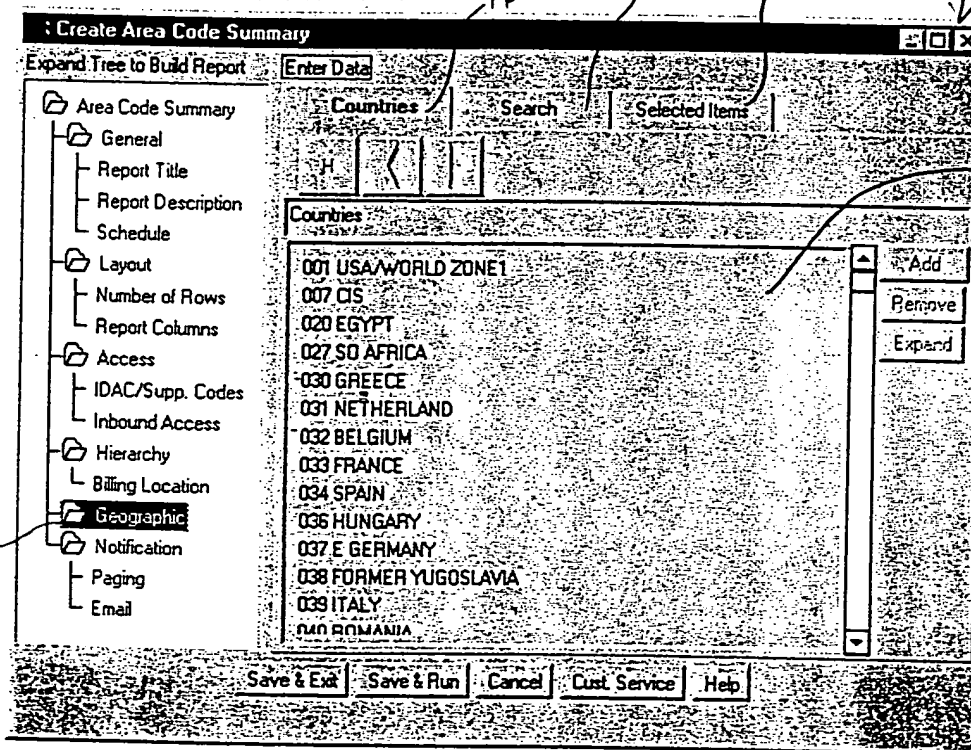


Fig 12(h)

864260-56965760

861260-5695T60

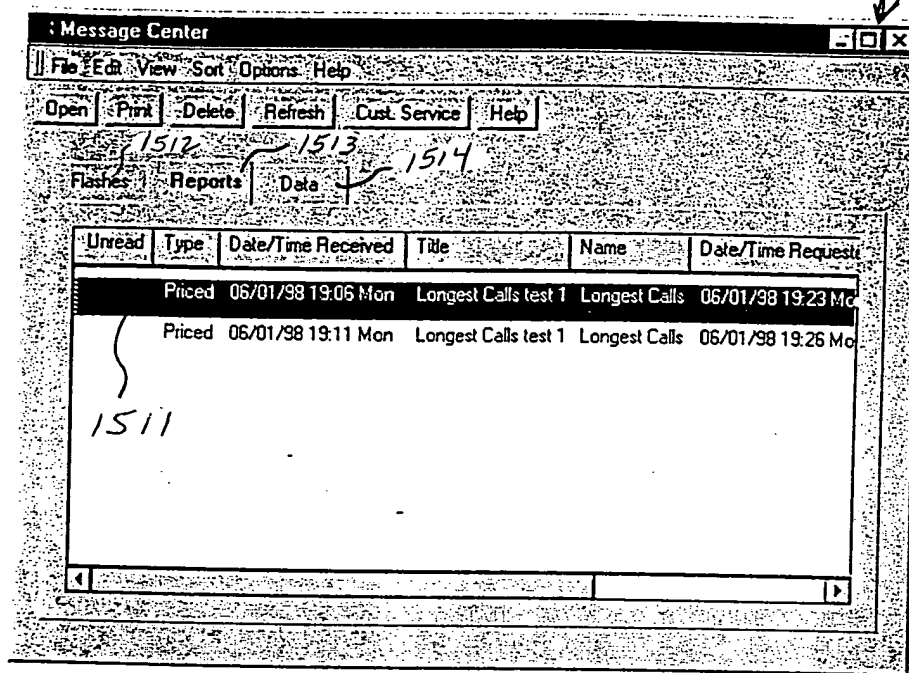


Fig. 13 (a)

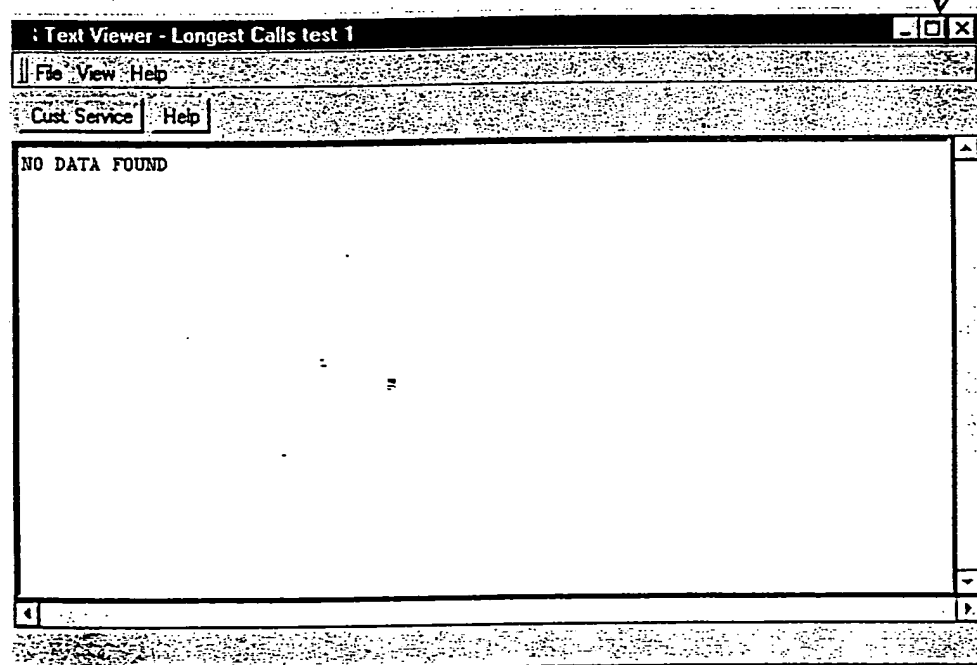
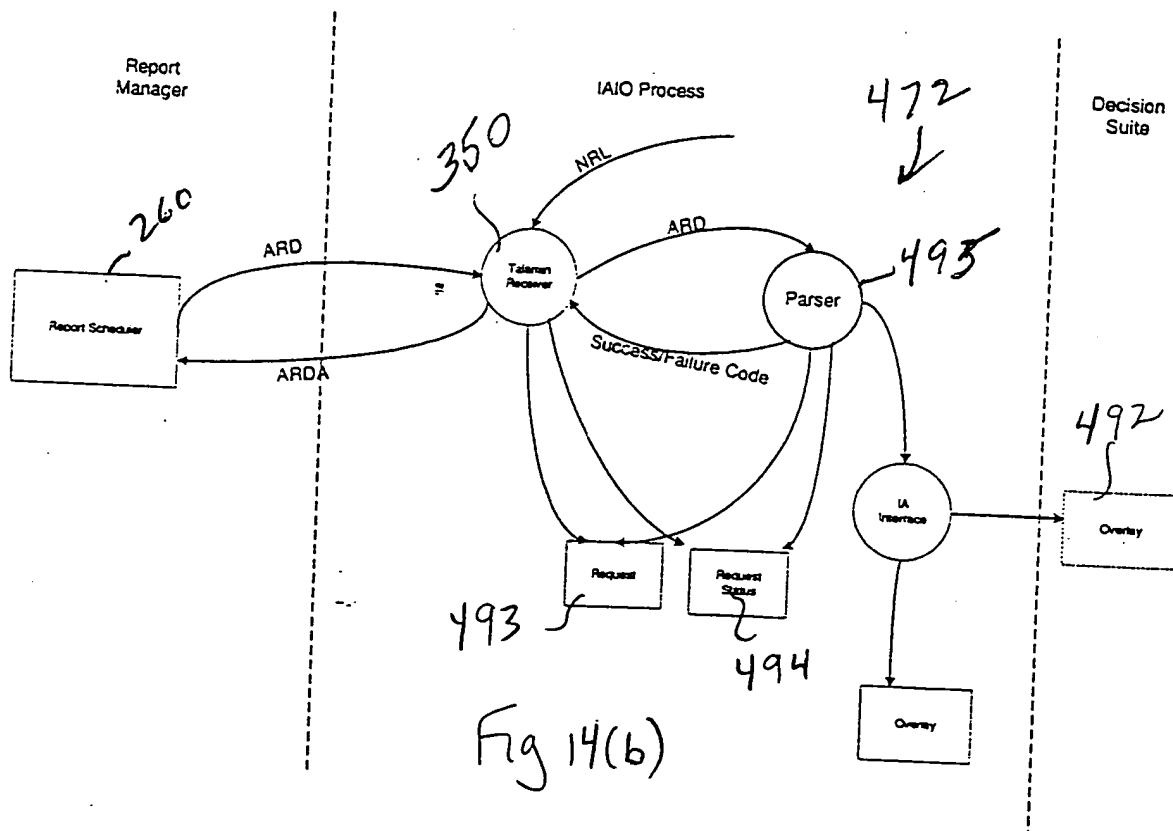
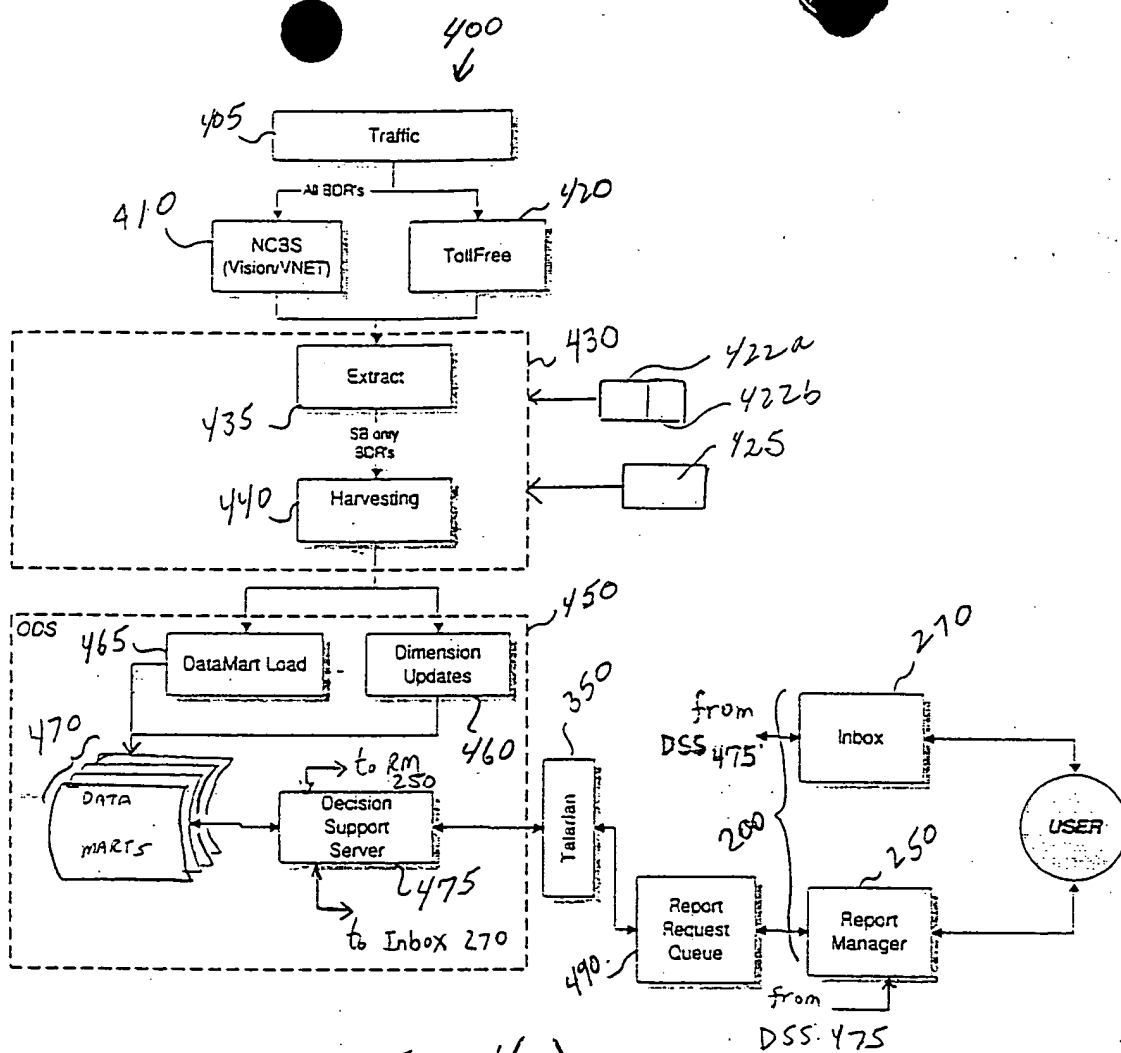


Fig 13 (b)



600

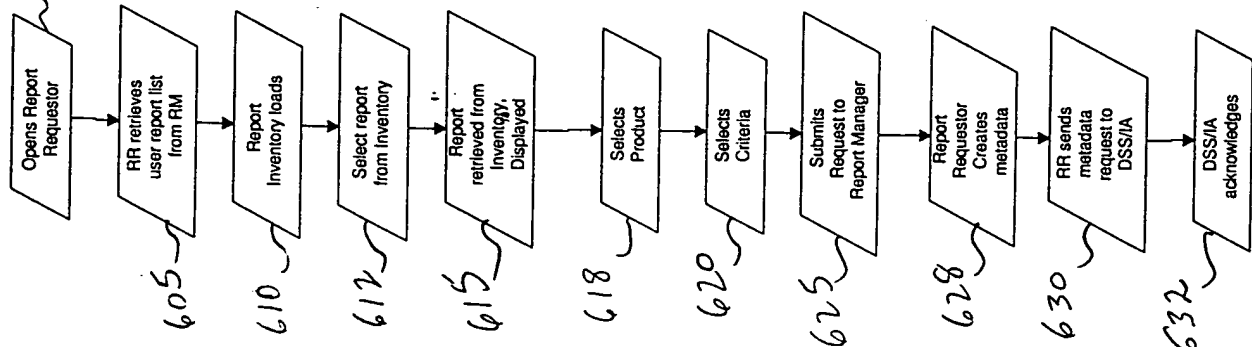
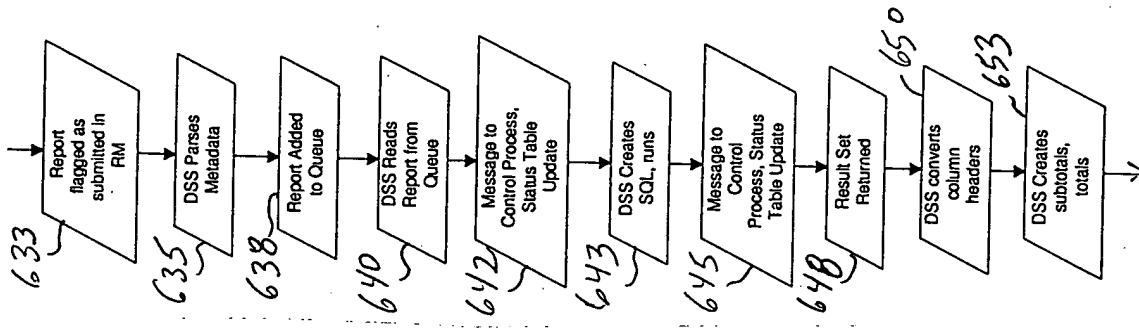


Fig 15(a) goto step 633, Fig 15(b)

602 8541260" 56955150



goto step 655, Fig 15(c)

Fig 15(b)

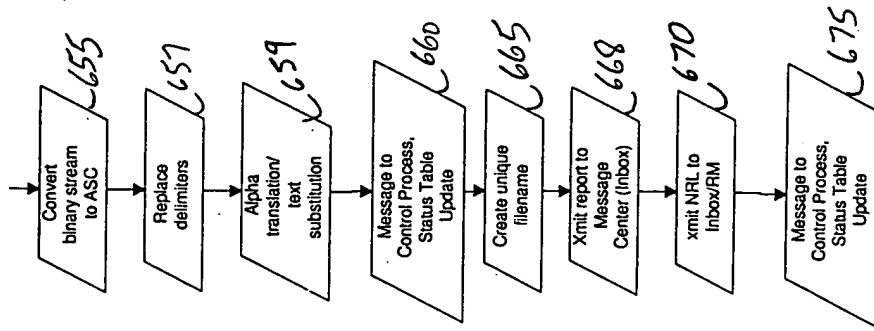


Fig 15(c)

09159695 092498

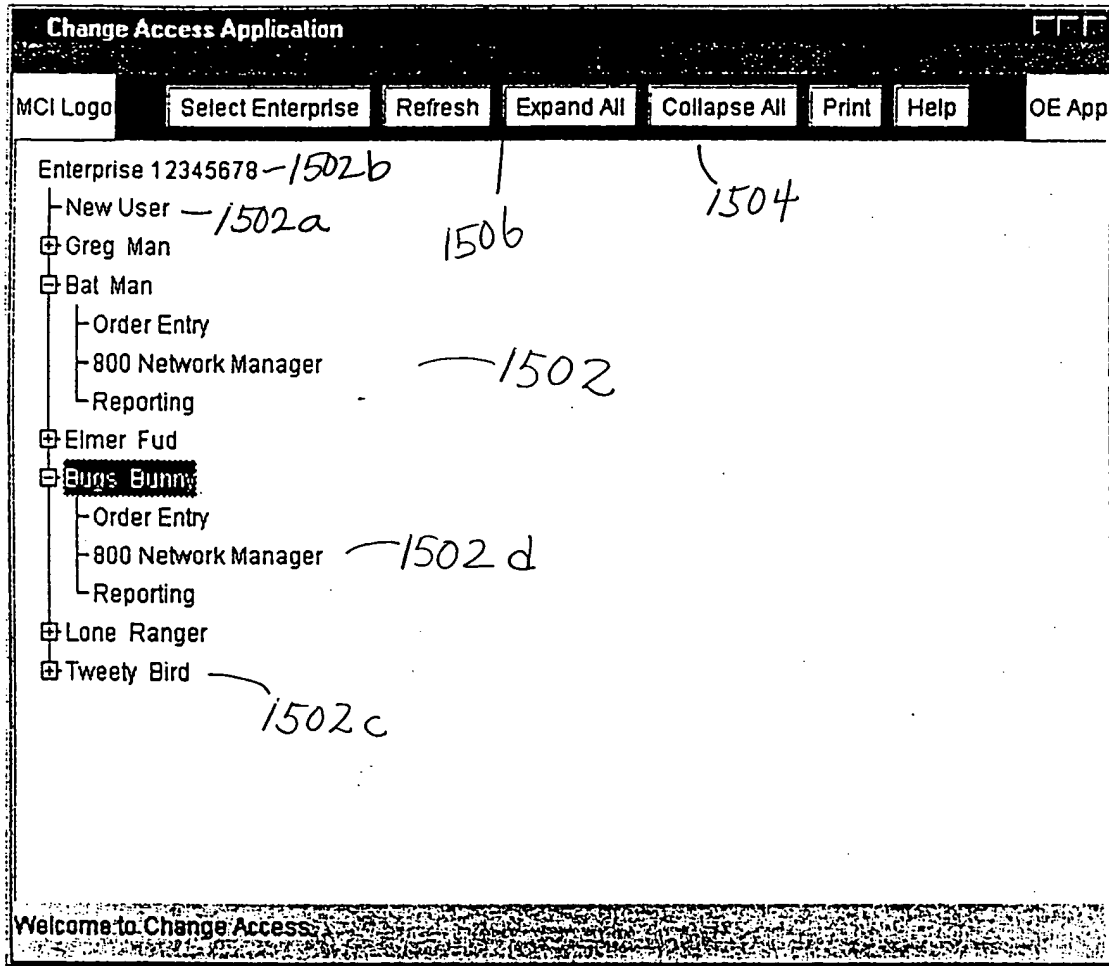


Figure 16

864260" 56965T60

1540

**Toll Free Report Access**

Enterprise 12345678 Allyn Test Enterprise

- 43215678
- 99998888
- 36475873
- 96871627
- 98761234

1542

- 800 454-7384 <UR, UCD>
- 800 678-8294
- 800 873-1287 <UR> 1544
- 800 576-9487
- 800 574-1243 <UR, UCD> 1546
- 800 985-4683 <UR, UCD> <Inactive> 1548

**Toll Free Report Options**

1541

Unpublished Reports

Published Reports

Figure 17

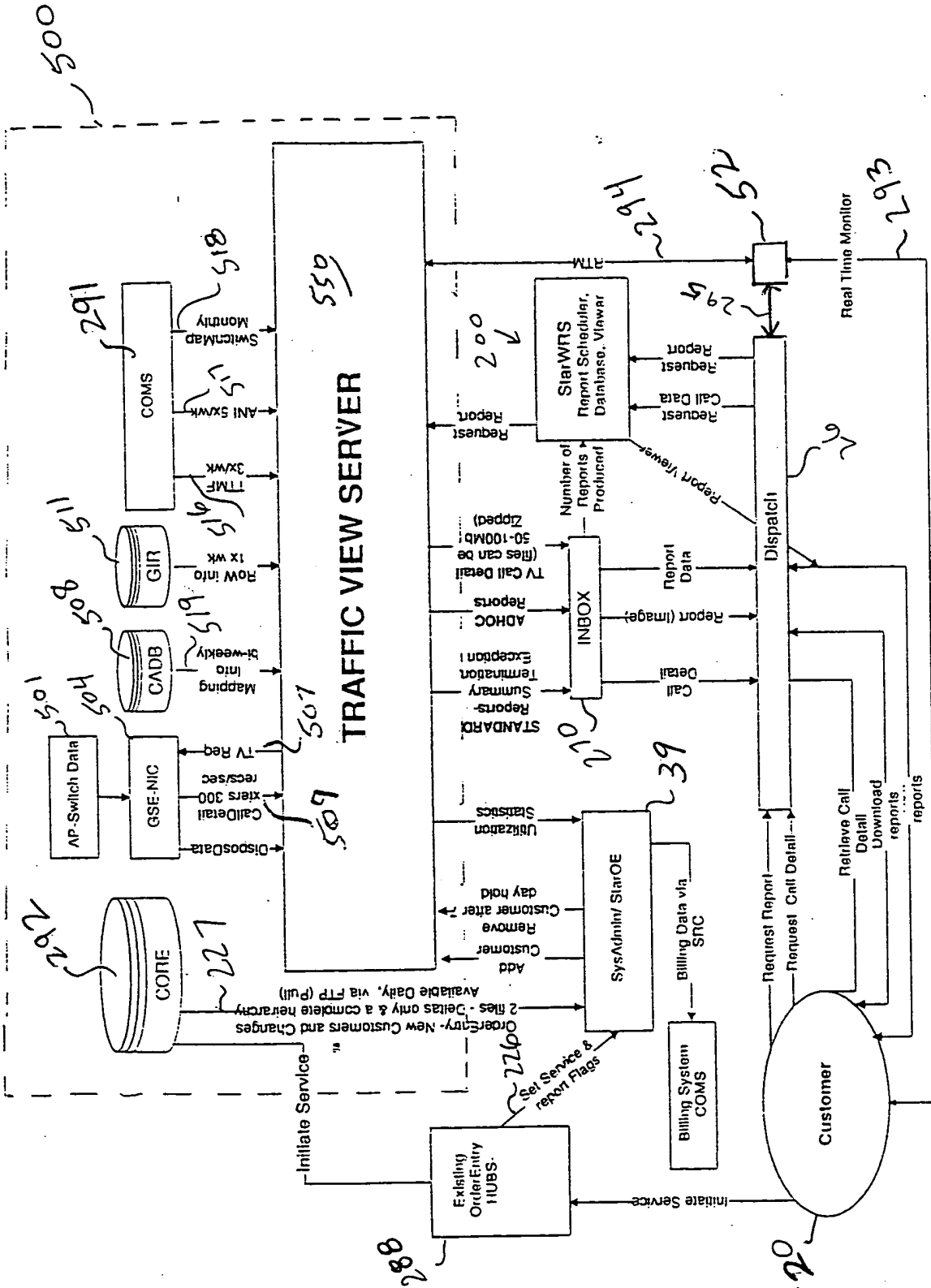


Fig. 18

201605050965T60

Fig. 19

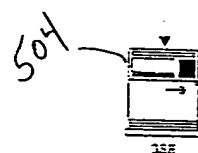
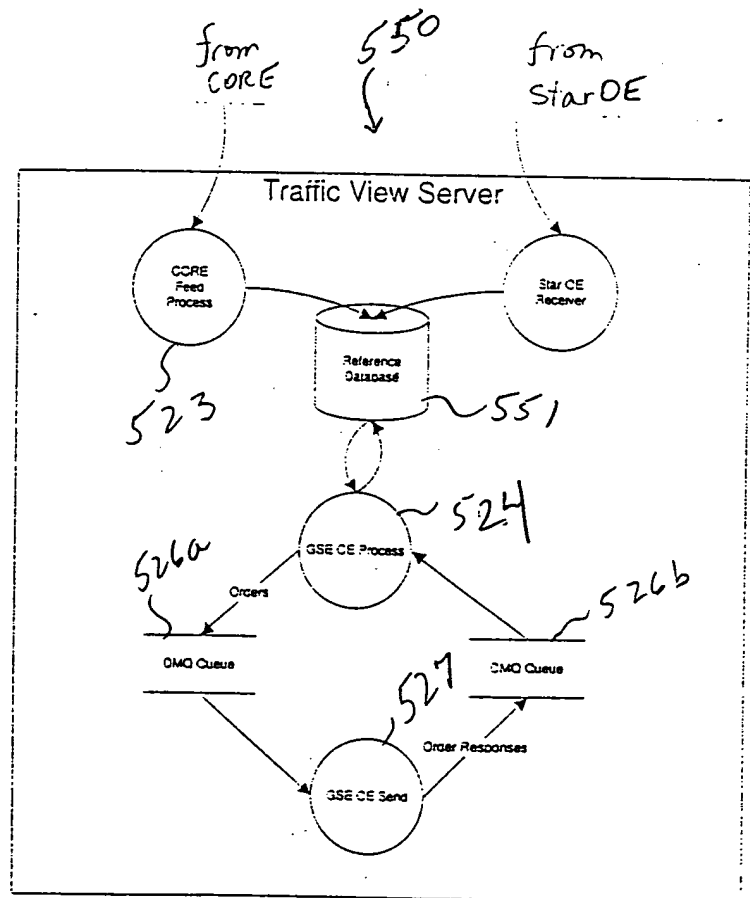
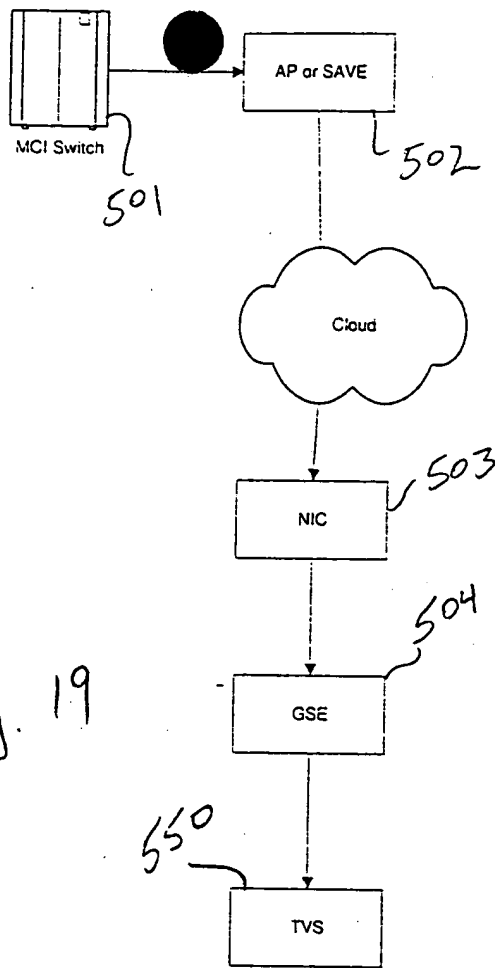
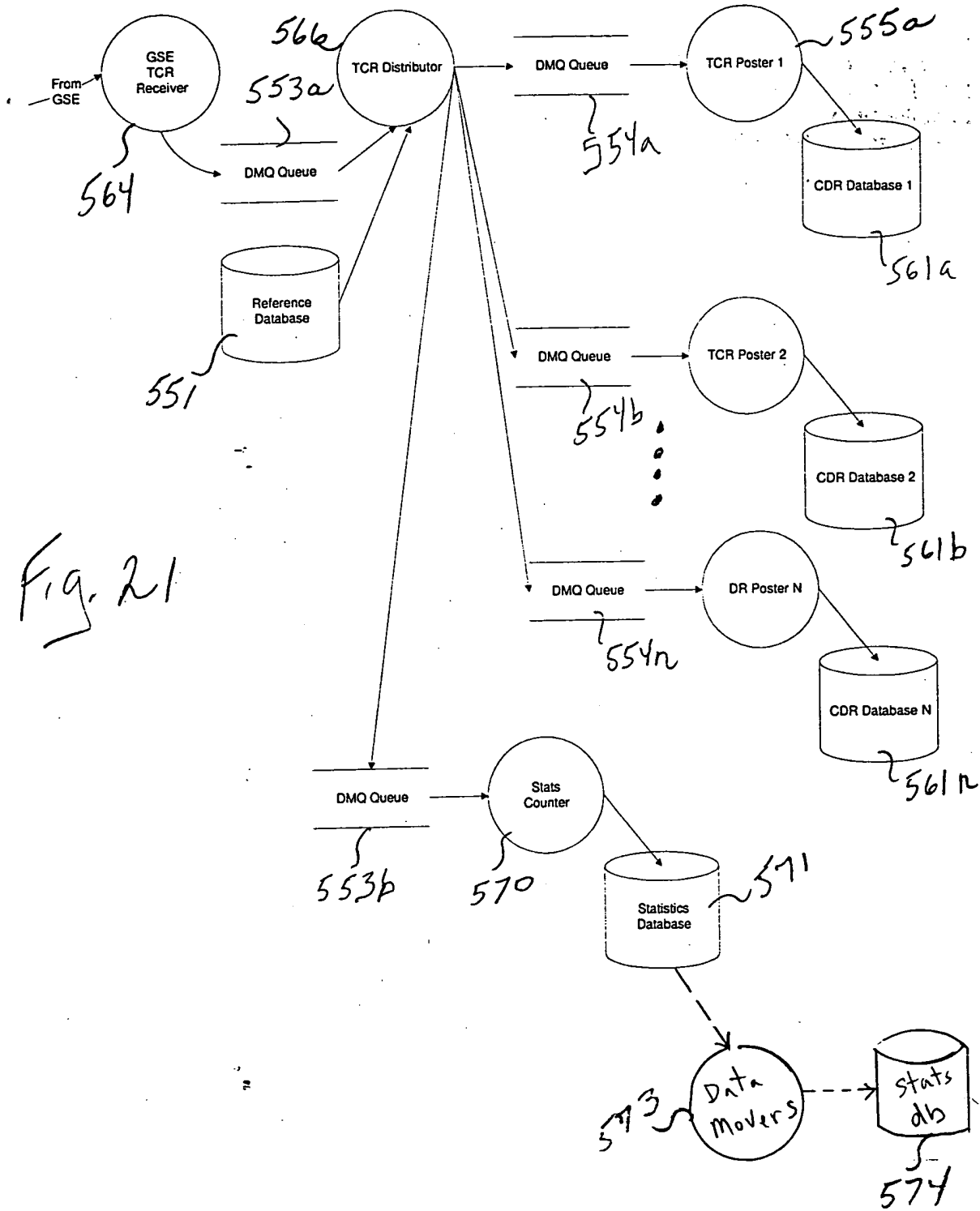
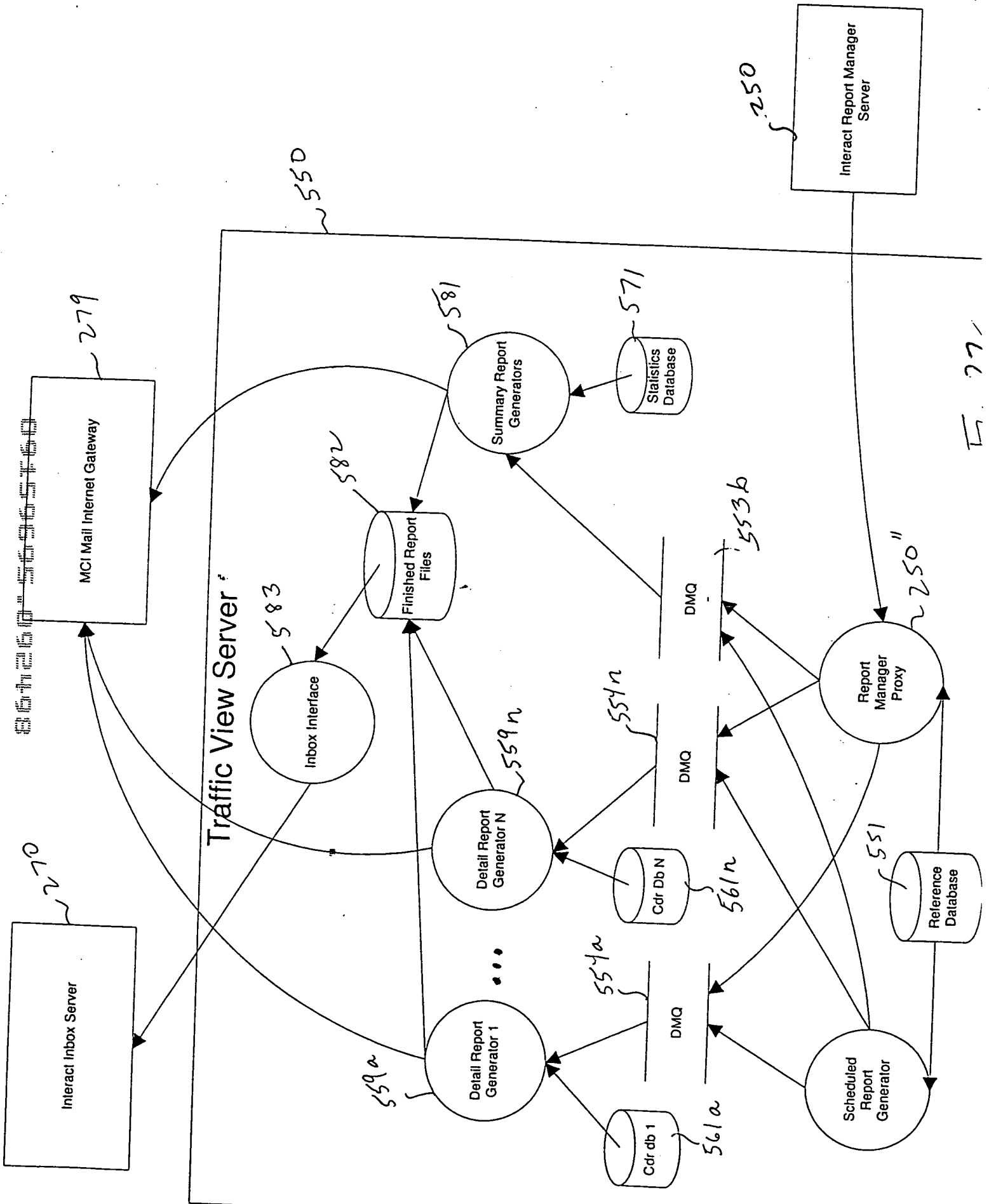
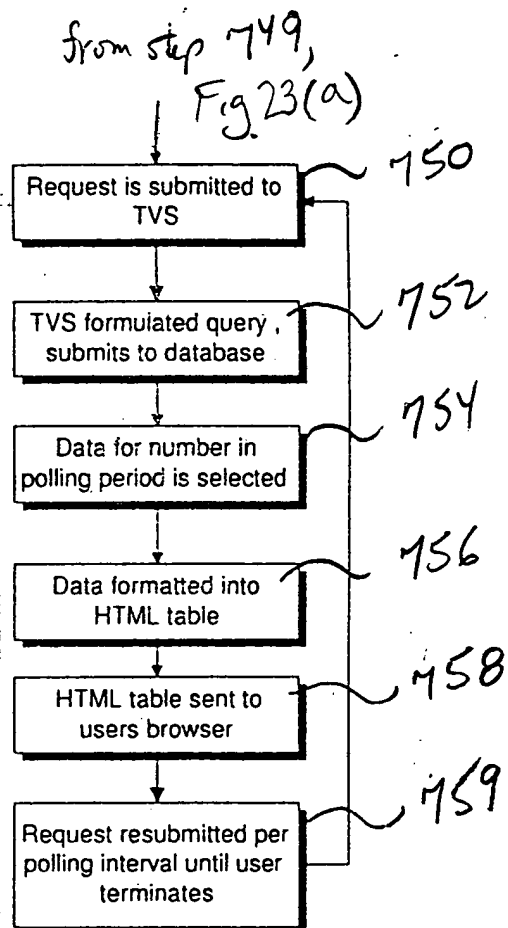
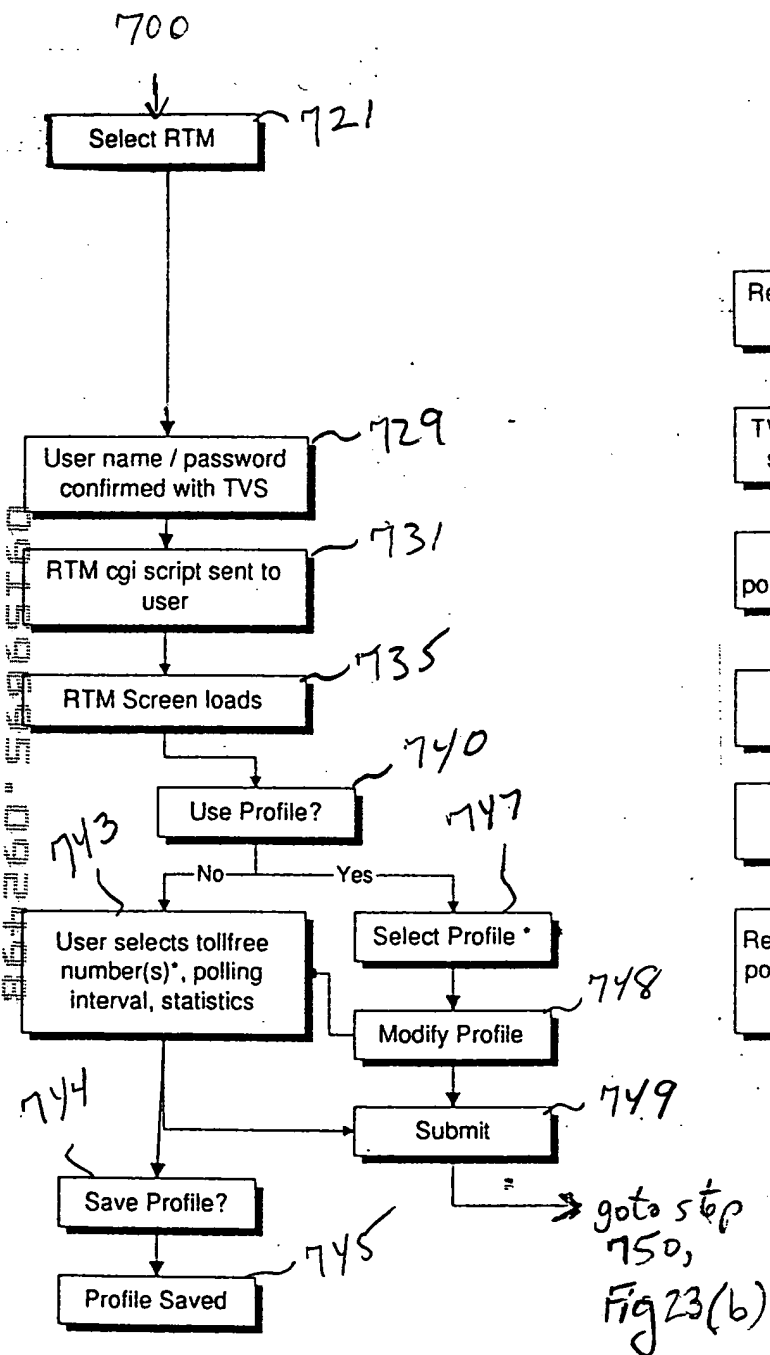


Fig 20









760 →

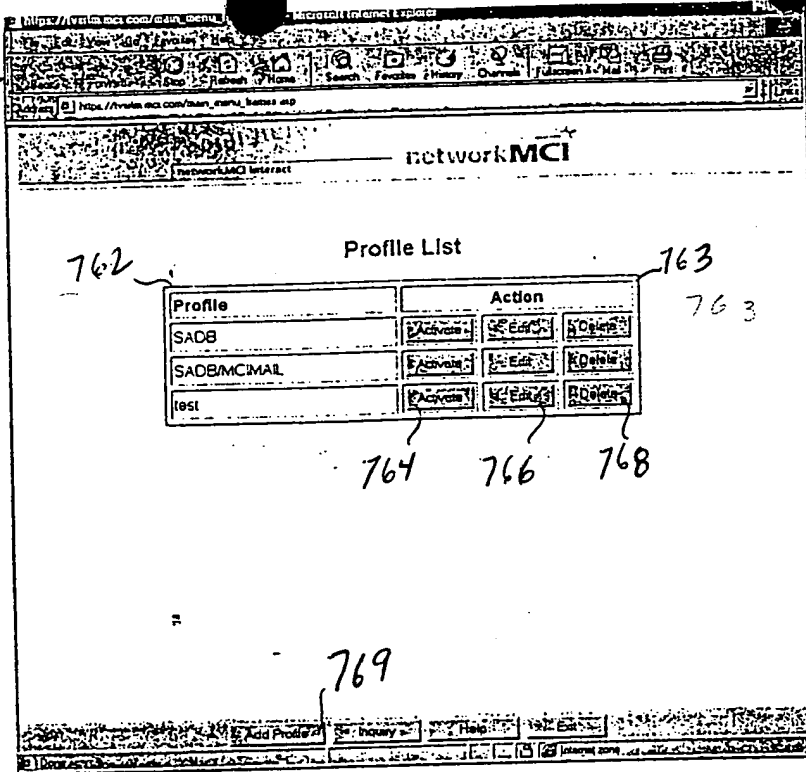


FIG 23(c)

770 →

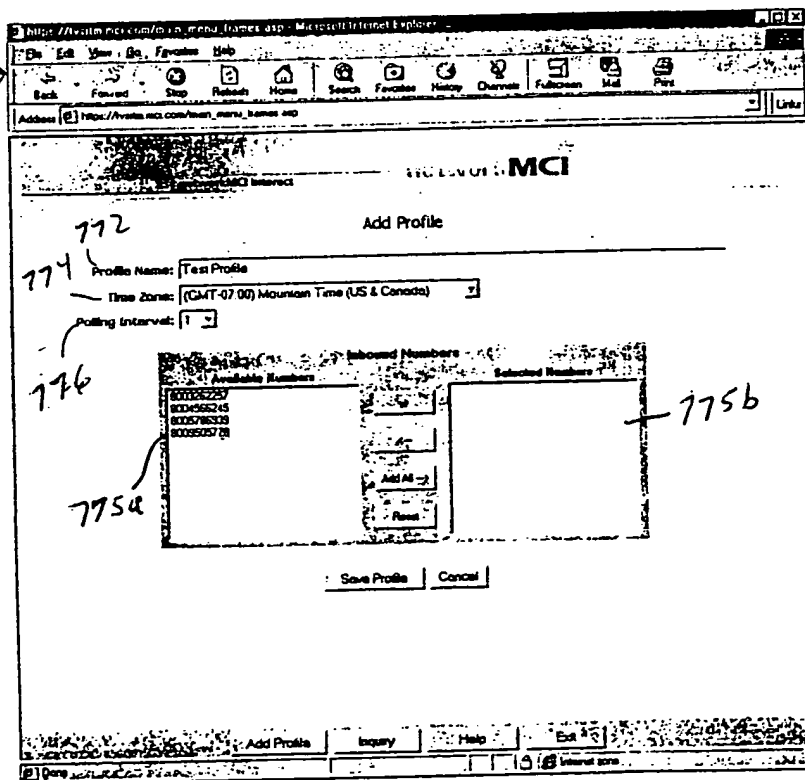


FIG 23(d)

864260"5696560

780 →

782

784

786

Microsoft Internet Explorer

Address: http://ivista.mci.com/main\_menu\_frames.asp

networkMCI

Profile: SABB/MCIDMAIL

Polling: 1 minute interval - Since 13:31 (MST) 21-Sep-1998 - Current 13:31 (MST) --> 13:33 (MST)

	ATTTEMPTS	COMPLETES	INCOMPLETE	BLOCKED	MCR	AVERAGE DURATION	TOTAL DURATION
PROFILE Current:	91	90	1	0	0	0.5	46.2
TOTALS Total:	91	90	1	0	0	0.5	46.2
8004566215 Current:	85	84	1	0	0	0.5	41.7
TOTALS Total:	85	84	1	0	0	0.5	41.7
8005786939 Current:	6	6	0	0	0	0.8	4.5
TOTALS Total:	6	6	0	0	0	0.8	4.5

	INCOMPLETE	BUSY	ATB	SHORT CALL	DIDN'T WAIT	DIDN'T ANSWER
INCOMPLETE Current:	1	0	0	1	0	0
TOTALS Total:	1	0	0	1	0	0
8004566215 Current:	1	0	0	1	0	0
TOTALS Total:	1	0	0	1	0	0
8005786939 Current:	0	0	0	0	0	0
TOTALS Total:	0	0	0	0	0	0

	BLOCKED	NETWORK CONGESTION	TAILOR CALL COVERAGE	ID CODES	PAYPHONE BLOCKED
OTHER Current:	0	0	0	0	0
TOTALS Total:	0	0	0	0	0
8004566215 Current:	0	0	0	0	0
TOTALS Total:	0	0	0	0	0
8005786939 Current:	0	0	0	0	0
TOTALS Total:	0	0	0	0	0

Set Start Time Set Poll Interval List Profiles Inquiry Help Exit

785

787

789

FIG 23(e)

790 →

Microsoft Internet Explorer

Address: http://ivista.mci.com/main\_menu\_frames.asp

networkMCI

Set Start Time

Start Date: 21-Sep-1998 Start Time: 13:34 (Automatic) (MST)

OK Cancel

Set Start Time Set Poll Interval List Profiles Inquiry Help Exit

792

794

FIG 23(f)

015950" 56965160

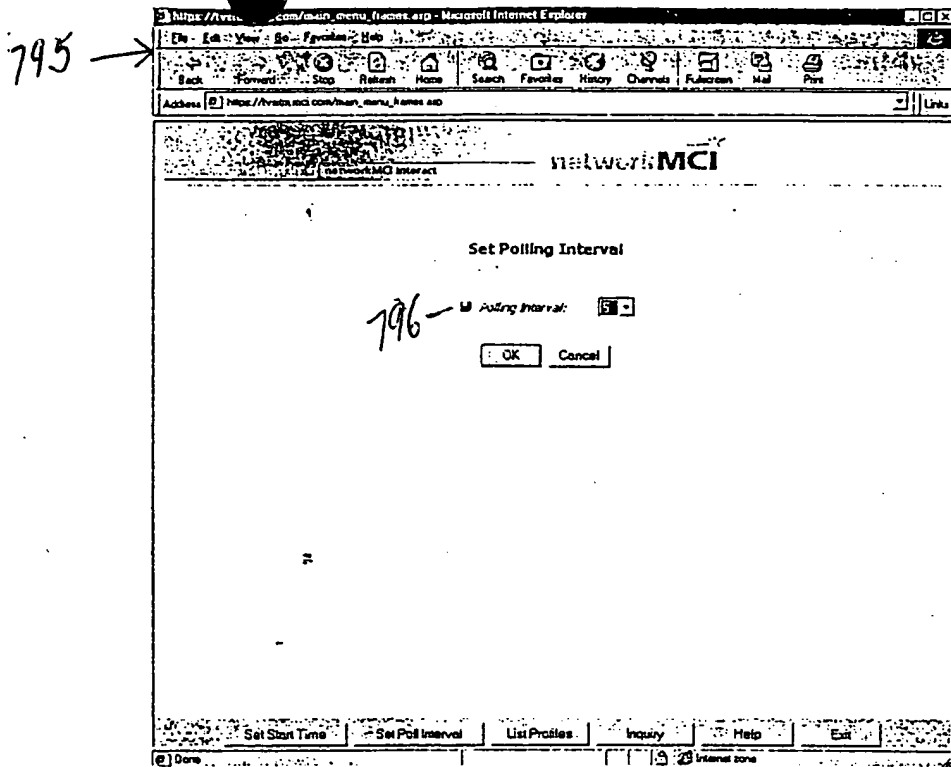


FIG 23 (g)

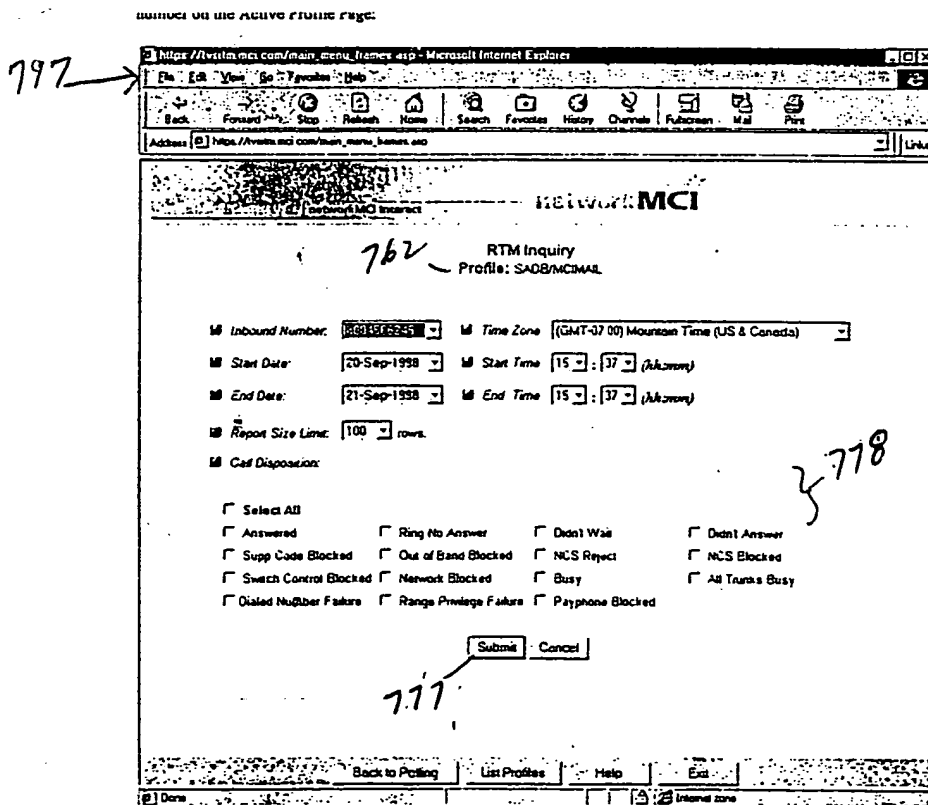


FIG 23 (h)

[http://ivm.mci.com/main\\_menu\\_frames.asp](http://ivm.mci.com/main_menu_frames.asp) - Microsoft Internet Explorer

[File](#) [Edit](#) [View](#) [Go](#) [Favorites](#) [Help](#)

[Back](#) [Forward](#) [Stop](#) [Refresh](#) [Home](#) [Search](#) [Favorites](#) [History](#) [Channels](#) [Full Screen](#) [Mail](#) [Print](#)

Address [http://ivm.mci.com/main\\_menu\\_frames.asp](http://ivm.mci.com/main_menu_frames.asp)

networkMCI Interact

networkMCI Interact Real-Time Inquiry

Inbound Number: 8004566245

Time Range: 20-Sep-1998 15:30 (EST) --> 21-Sep-1998 15:37 (EST)

CALL NUMBER	COUNTRY/ STATE	CALL DATE	CONNECT	COGN. TIME	DURA- TION	LOCATION	CALL DISP.	DNIS DIGITS	ORFLU	CDR DETAIL	EVS DETAIL
2172337736	IL	20-Sep-1998	15:30	01:05	N1530720	COMP		0	OK	OK	OK
604272732	BC	20-Sep-1998	15:30	00:29	N0607552	COMP		0	OK	OK	OK
703091993	VA	20-Sep-1998	15:30	00:28	N0593914	COMP		0	OK	OK	OK
2816720544	TX	20-Sep-1998	15:30	00:24	N0611932	COMP		0	OK	OK	OK
3129028001	IL	20-Sep-1998	15:30	00:32	N1530720	COMP		0	OK	OK	OK
4097221022	TX	20-Sep-1998	15:30	00:13	N0611932	COMP		0	OK	OK	OK
7034306193	VA	20-Sep-1998	15:30	00:30	N0593914	COMP		0	OK	OK	OK
7705595212	GA	20-Sep-1998	15:30	00:29	N0611932	COMP		0	OK	OK	OK
3054416520	FL	20-Sep-1998	15:30	00:21	N0611932	COMP		0	OK	OK	OK
3036442000	CO	20-Sep-1998	15:30	00:35	N0607552	COMP		0	OK	OK	OK
1029649483	NE	20-Sep-1998	15:30	00:32	N1530720	COMP		0	OK	OK	OK
3144214600	BO	20-Sep-1998	15:30	00:31	N1530720	COMP		0	OK	OK	OK
2120463000	MT	20-Sep-1998	15:30	00:26	N0593914	COMP		0	OK	OK	OK
7139463882	TX	20-Sep-1998	15:30	00:24	N0611932	COMP		0	OK	OK	OK
604272732	BC	20-Sep-1998	15:30	00:29	N0607552	COMP		0	OK	OK	OK
4103377125	PA	20-Sep-1998	15:30	00:35	N1530720	COMP		0	OK	OK	OK
4077832016	FL	20-Sep-1998	15:30	00:29	N0611932	COMP		0	OK	OK	OK
5106498089	CA	20-Sep-1998	15:30	00:26	N0607552	COMP		0	OK	OK	OK
4029649480	NE	20-Sep-1998	15:30	00:28	N1530720	COMP		0	OK	OK	OK
9107624977	NC	20-Sep-1998	15:30	00:20	N0611932	COMP		0	OK	OK	OK
302236195	DE	20-Sep-1998	15:30	00:24	N0593914	COMP		0	OK	OK	OK
3107248354	CA	20-Sep-1998	15:30	00:24	N0607552	COMP		0	OK	OK	OK
9082721432	NJ	20-Sep-1998	15:30	00:23	N1530720	COMP		0	OK	OK	OK

[Back to Polling](#) [List Profiles](#) [Help](#) [Exit](#)

199

191

795

FIG 23(i)

793 →

https://ivstlm.mci.com/main\_menu\_frames.asp - Microsoft Internet Explorer

File Edit View Go Favorites Help

Back Forward Stop Refresh Home Search Favorites History Channels Fullscreen Mail Print

Address [https://ivstlm.mci.com/main\\_menu\\_frames.asp](https://ivstlm.mci.com/main_menu_frames.asp) Links

Network MCI

Network MCI interact

### Call Detail

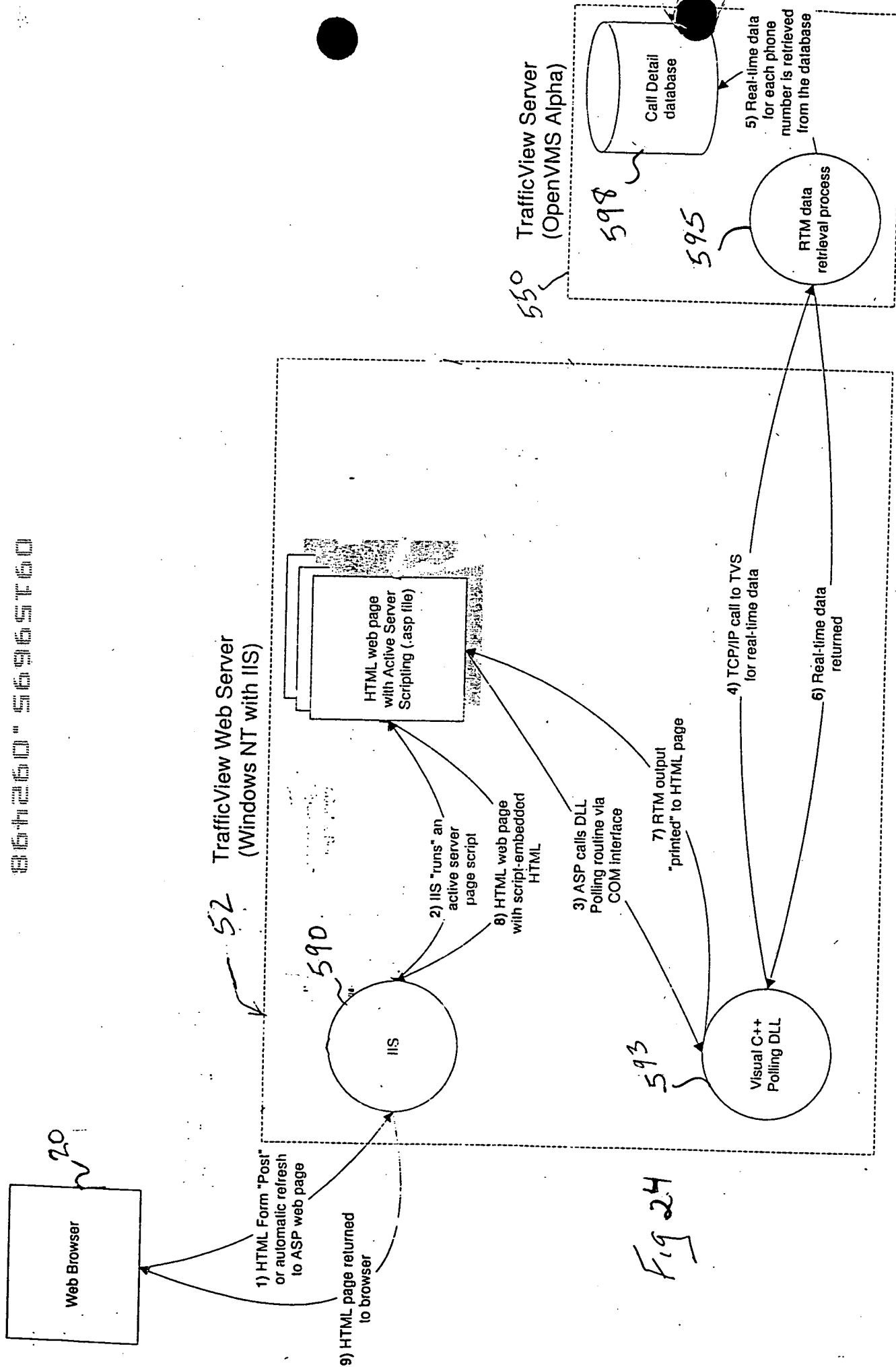
Dialed Number:	8004566245	Calling Number:	2172337376
Disposition:	COMP	Connect Time:	20-Sep-1998 15:30 MST
Answer Time:	20-Sep-1998 15:30 MST	Disconnect Time:	20-Sep-1998 15:31 MST
Network Call Setup:	2	Call Duration:	01:05
Location:	N1538728	Suppress Digits:	
DNIS Digits:		OFLW Reason:	0
OFLW Count:	0	OFLW Fault:	0

Back to Inquiry    Next COR

Back to Polling    List Profiles    Help    Exit

Done    Internet zone

FIG 23(j)





2200

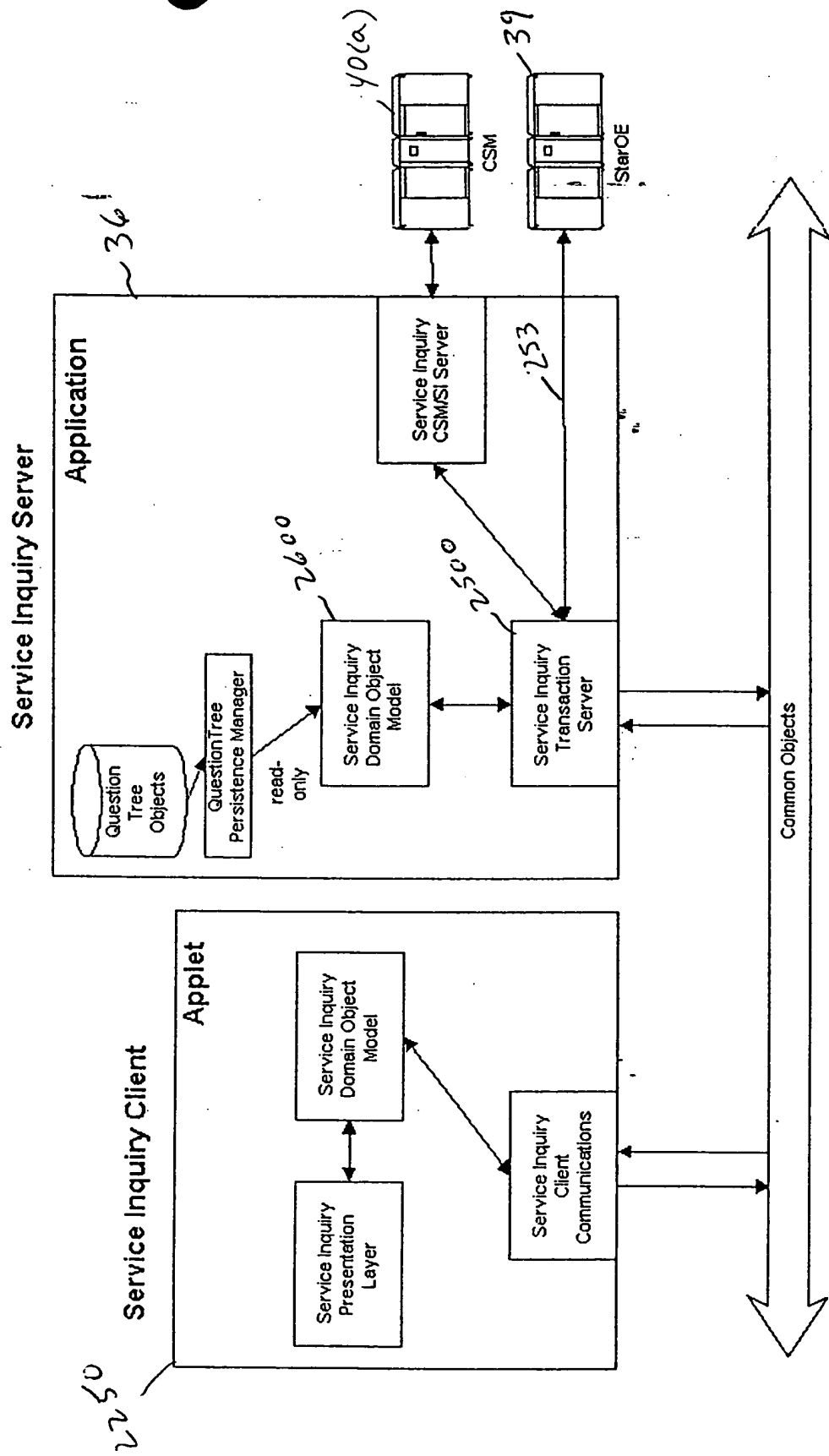
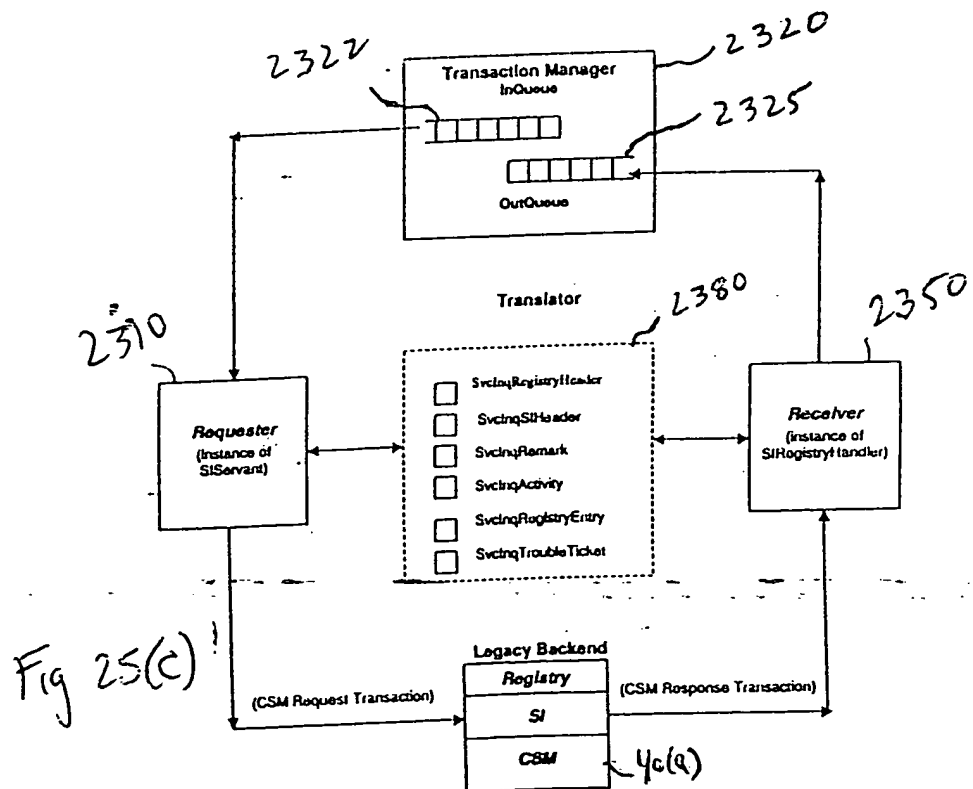
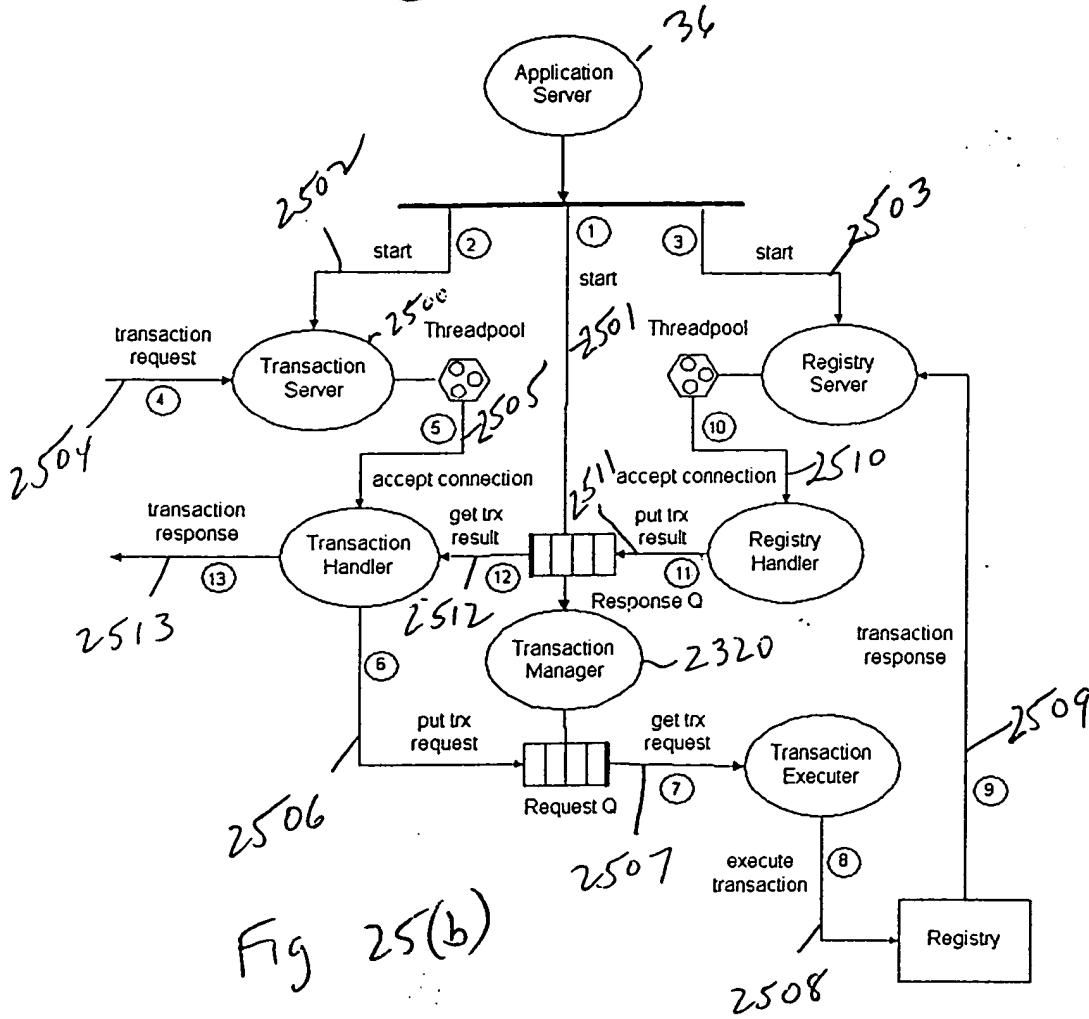


Fig. 25(a)



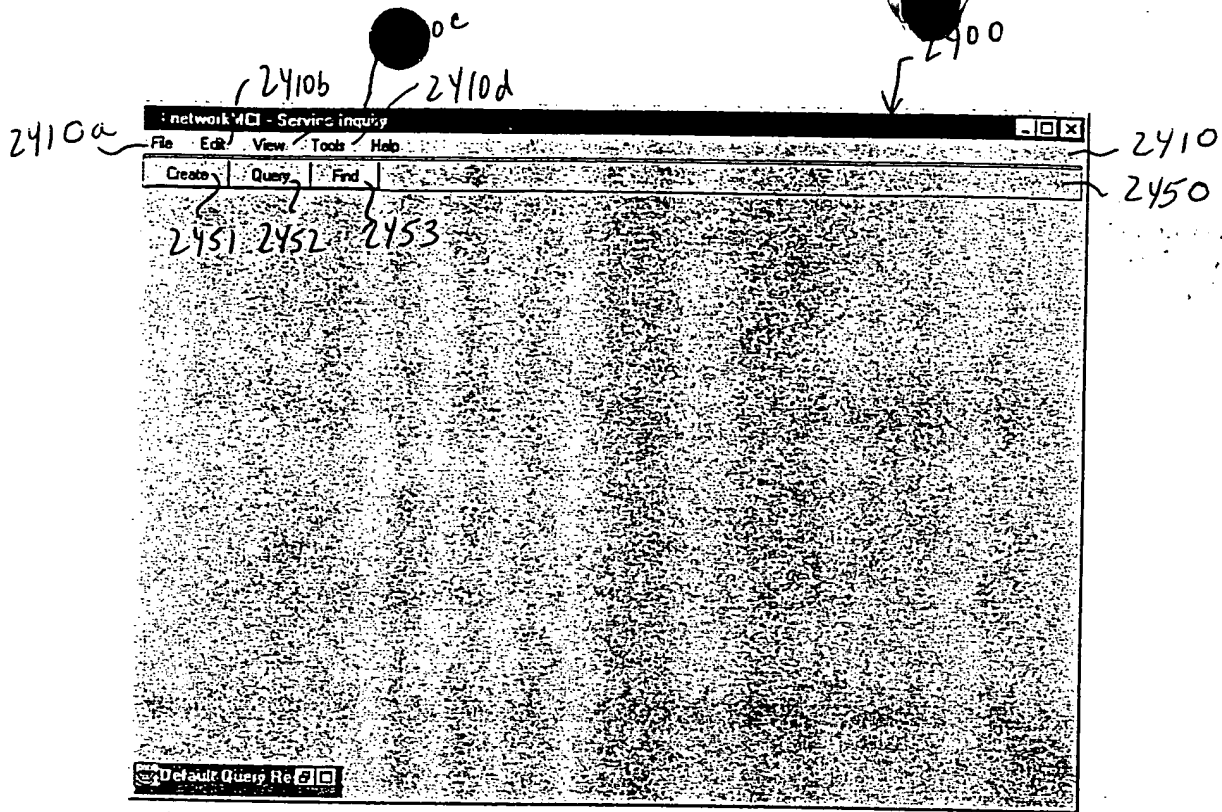


Fig 25(d)

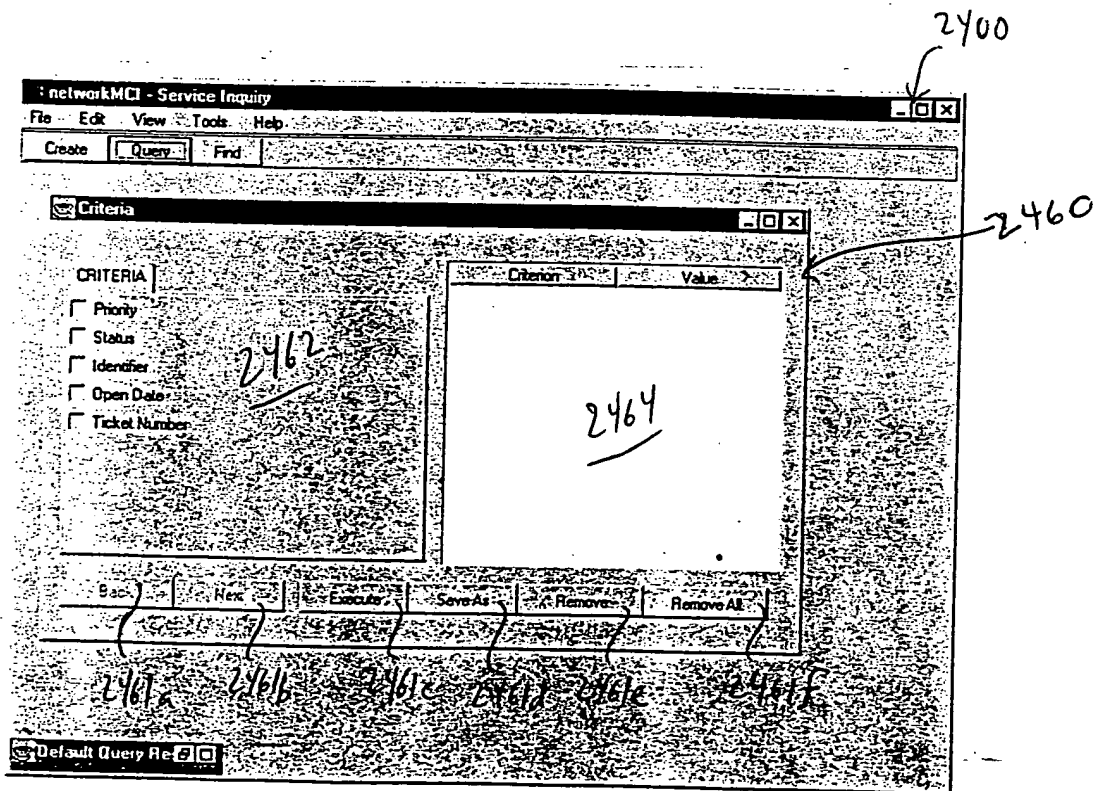


Fig 25(e)

8667260 55965T60

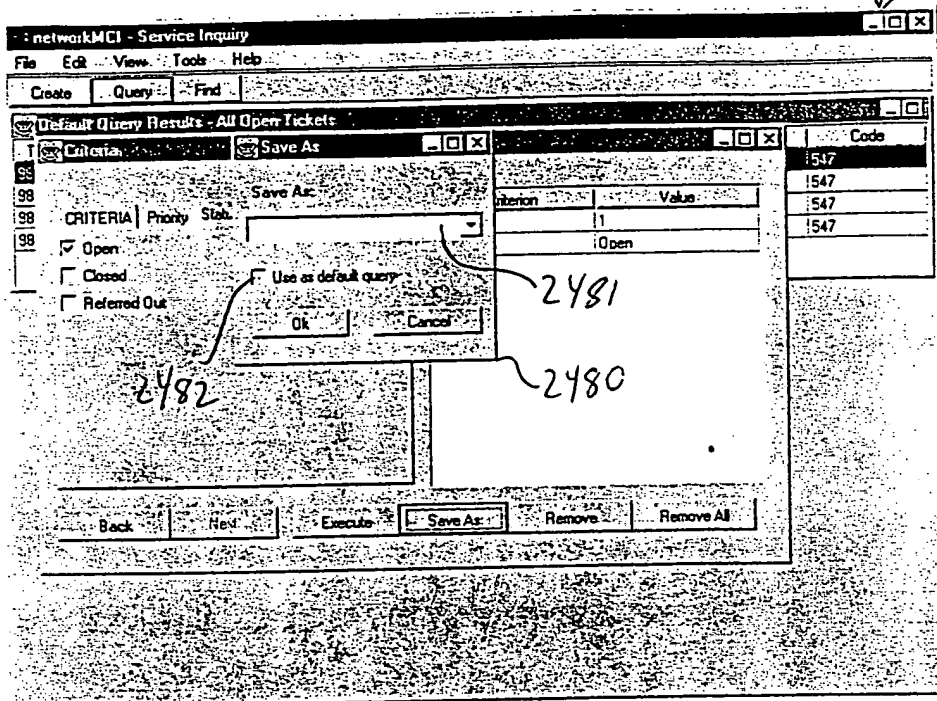


Fig 25(f)

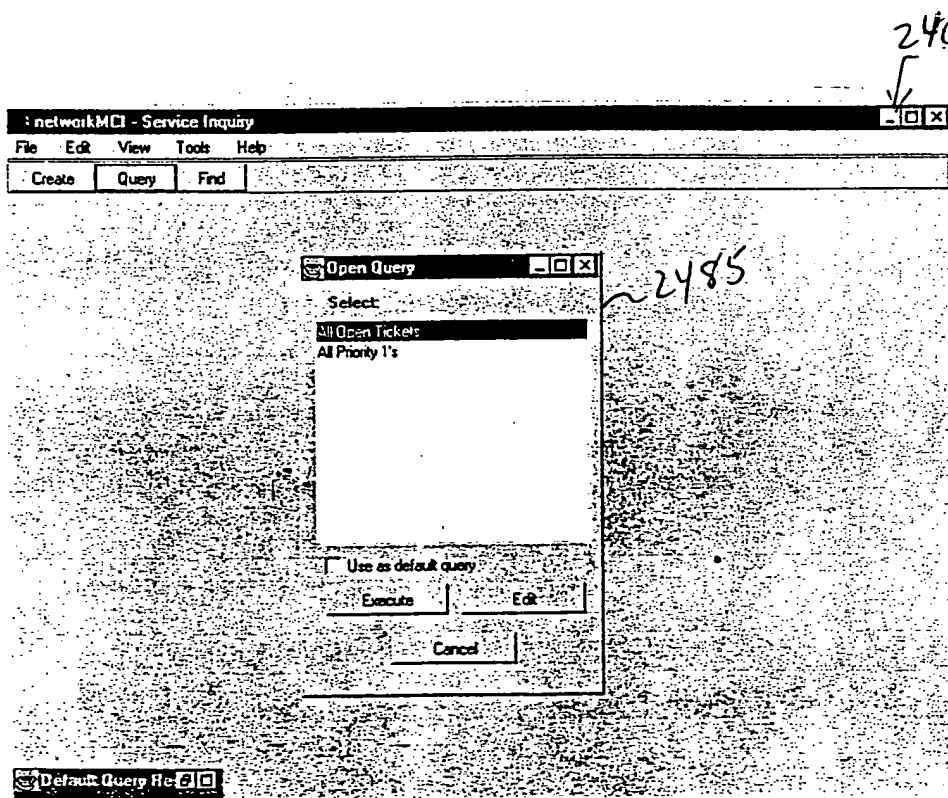


Fig 25(g)

864260" 55965760

networkMCI - Service Inquiry

File Edit View Tools Help

Create Query Find

Query Results

Ticket Number	Status	Priority	Identifier	Last Activity Date	Org	Code
990505001	Open	1	ZAV41080001	05/05/1998 13:24	ESW	547
990505002	Open	1	ZAV41080001	05/05/1998 14:24	ESW	547
990505003	Open	2	ZAV41080001	05/05/1998 13:26	ESW	547
990505004	Open	2	ZAV41080001	05/05/1998 14:26	ESW	547
990505005	Closed	1	ZAV41080001	05/05/1998 13:34	ESW	547

Ok

Criteria Default Query Re

Fig 25(h)

networkMCI - Service Inquiry

File Edit View Tools Help

Create Query Find

Sort

Sort by:

None

Ascending

Descending

Then by:

None

Ascending

Descending

Then by:

None

Ascending

Descending

Ok Apply Cancel

Default Query Re

Fig 25(i)

09159695-092498

2400

networkMCI - Service Inquiry

File Edit View Tools Help

Create Query Find

2491

2492

2490

Details

Remarks

Activities

Ticket Number: 980405001

Priority: 1

Status: Open

Identifier: ZAV4108001

Product: Private Line

Service: MCI VIEW

Occured Date: 05/07/1998

Trouble Desc: Customer MCI

Organization: Westinghouse

Ok

Default Query R=00

Fig 25(j)

2400

networkMCI - Service Inquiry

File Edit View Tools Help

Create Query Find

Remarks

Remarks for Ticket Number: 980405001

remarks

Ok

Add Remark

2495

2496

Query Results

Criteria

Default Query R=00

Details

Fig 25(k)

networkMCI - Service Inquiry

File Edit View Tools Help

Create Query Find

Activities

Activities for Ticket Number: 980405001

Action	From Org	To Org	Date-Time
Create	CUS	ESH	05/05/1998 13:24
Approve	CUS	ESH	05/05/1998 14:24
Open	ESH	ESH	05/05/1998 13:26

Activity details placeholder...

Query Results

Fig 25(l)

networkMCI - Service Inquiry

File Edit View Tools Help

Create Query Find

Create Ticket

Generic

Question 1 Product 1

Question 2 Product 1

Question 3 Product 1

Question 4 Product 1

Question 5 Product 1

Question Answer

Back Next Cancel

Default Query Results

Fig 25(m)

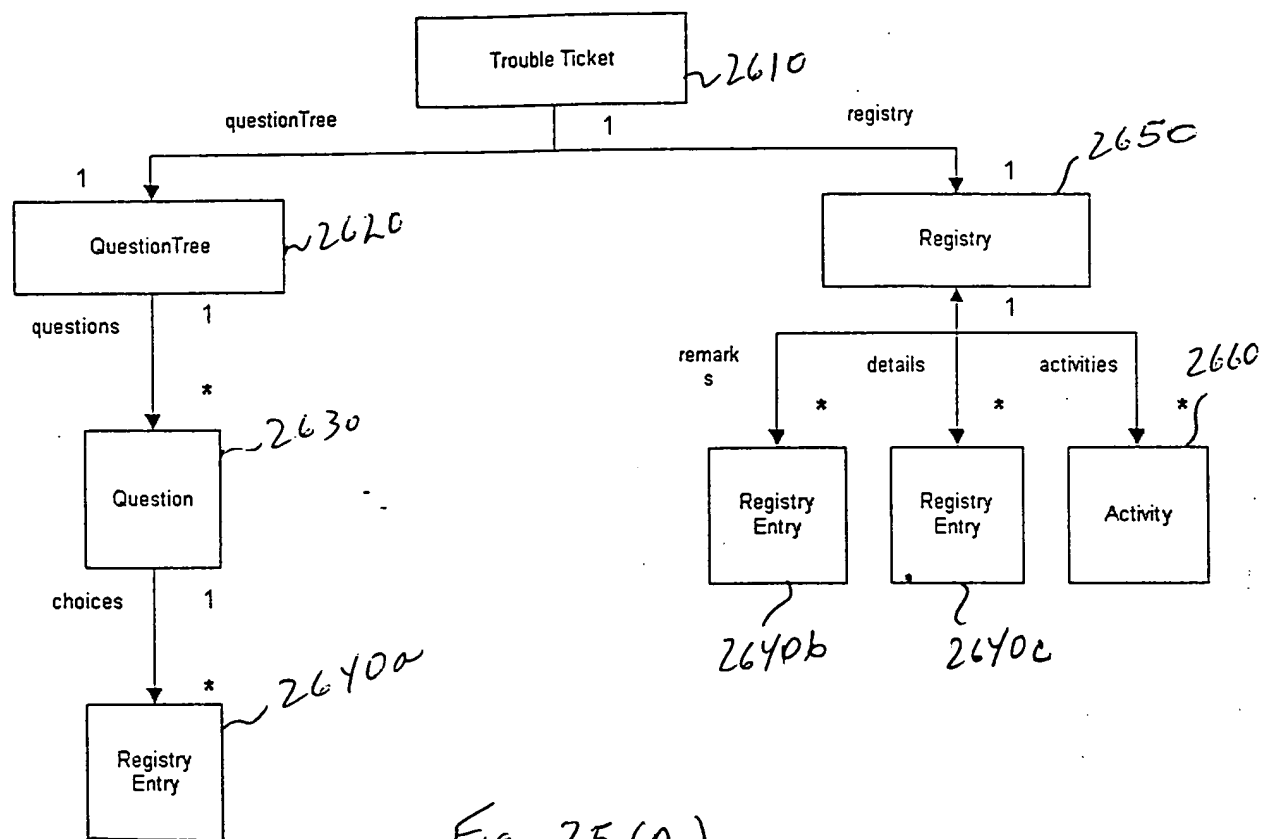


Fig 25(n)



800

292

Acct Team

OE HUBS

StarOE

COMS

FLAG TFINM  
CORP ID'S

291

828

Firewall

288

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Fig. 26

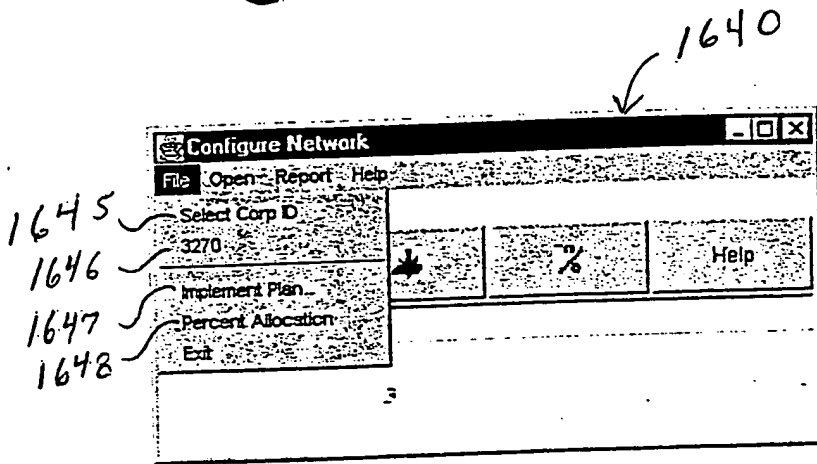


Fig 27(a) 27

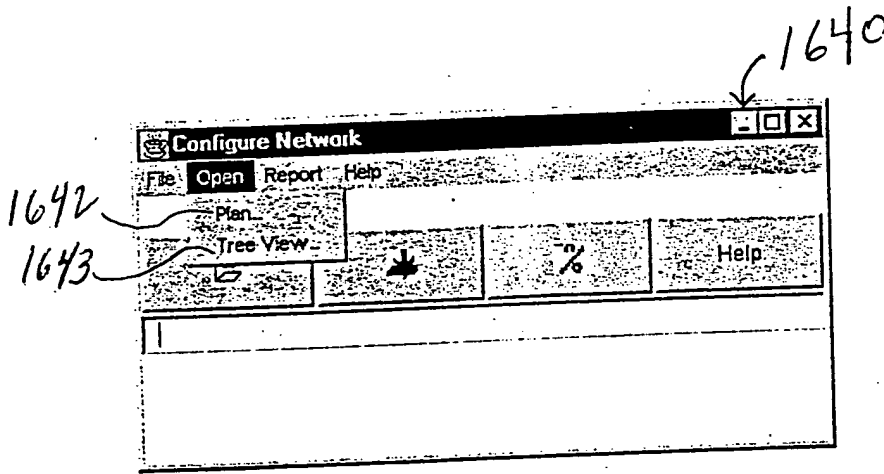


Fig 27(b)

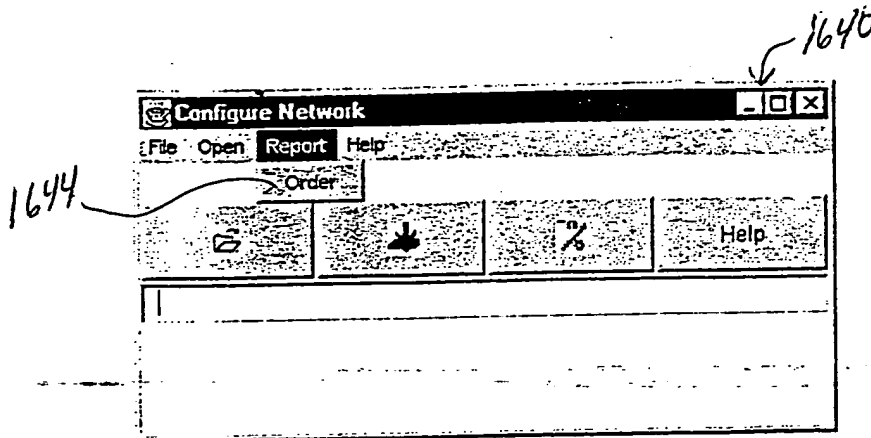


Fig 27(c)

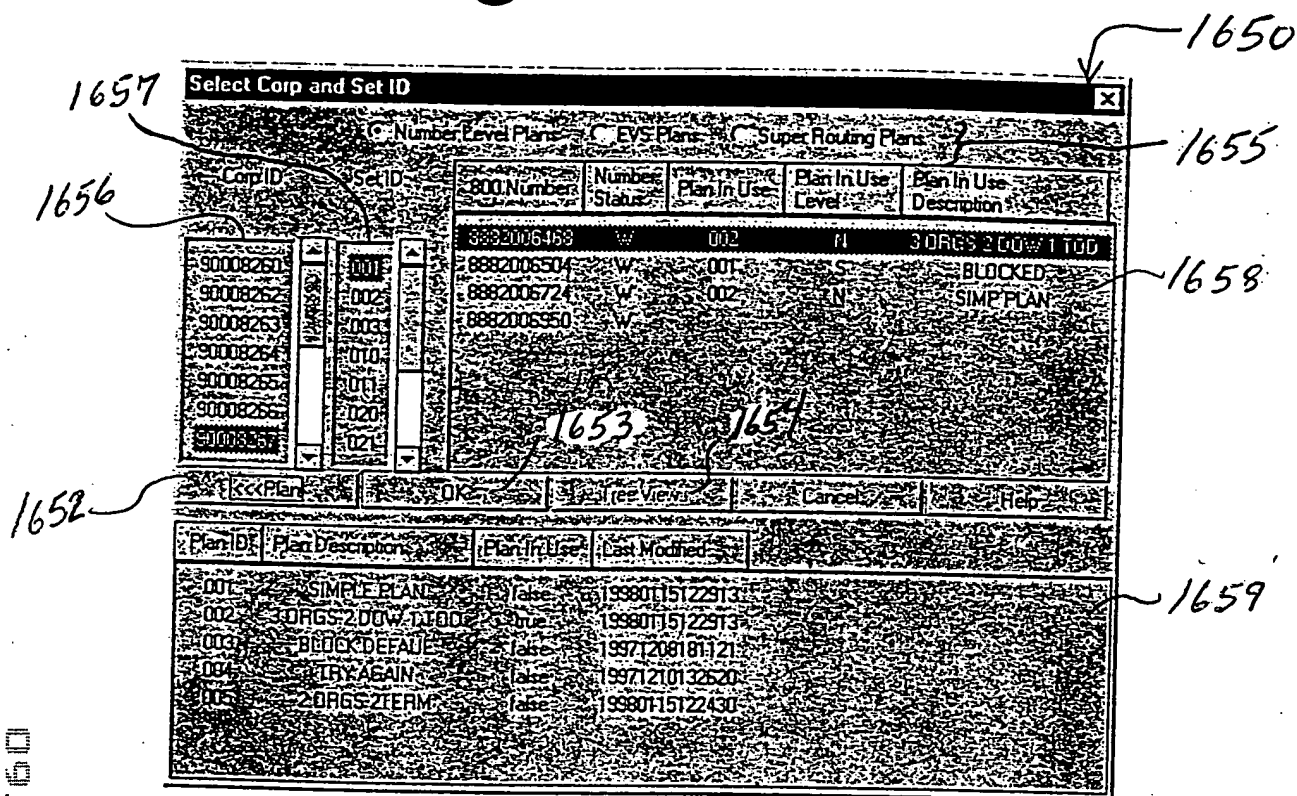


Fig. 27(d)

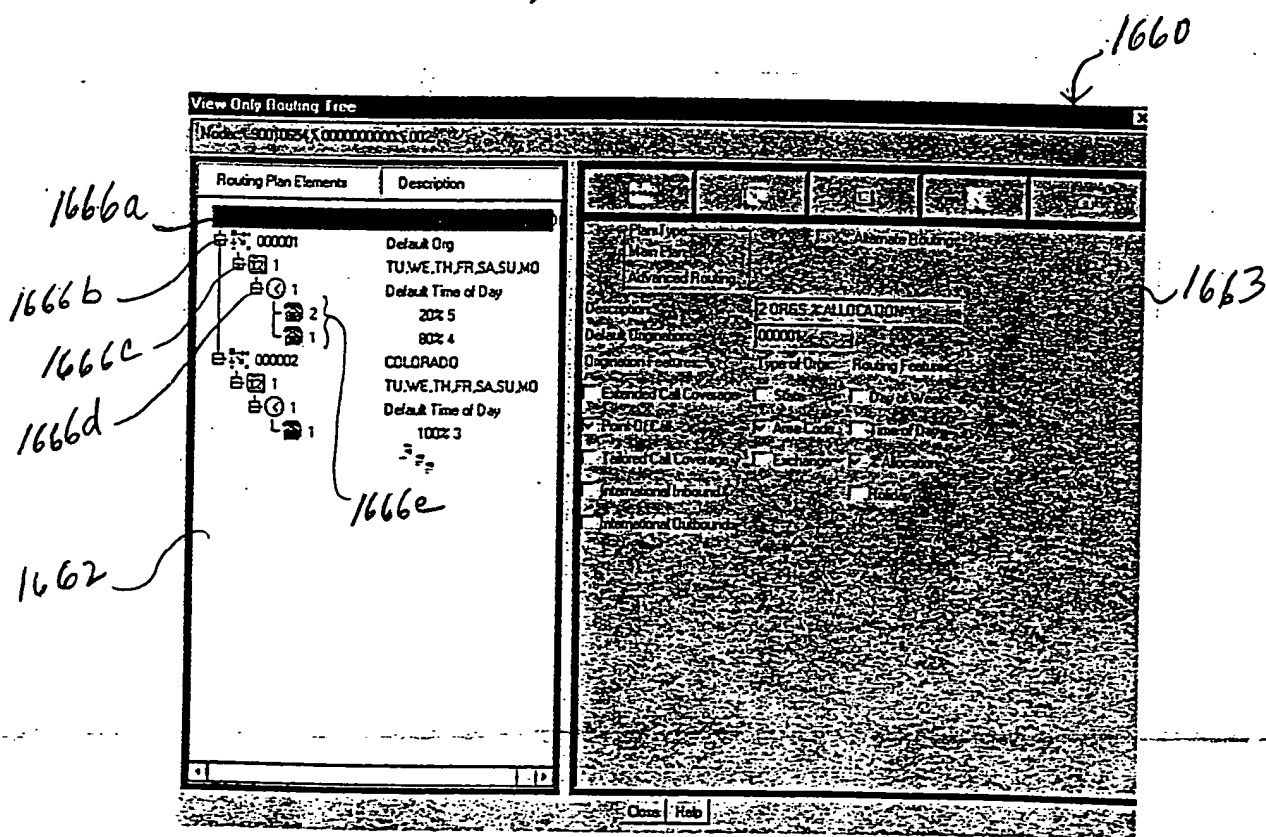


Fig. 27(e)



Order Select List									
ING Order No.	NC Order No.	EE Date	Time	Last Modified	Type	Sub Type	Status	Parent	Child
0000000000000000000118	F0105658	98/05/09	13:35	98/05/09 13:34	IMPL		Complete		
0000000000000000000022	F0105643	98/05/11	20:30	98/05/11 09:30	FEIS		Complete		
0000000000000000000026	F0105655	98/05/11	20:36	98/05/11 09:36	NBRs		Complete		
0000000000000000000033	F0106118	98/05/12	17:32	98/05/12 17:31	IMPL		Complete		
0000000000000000000037	F0105920	98/05/15	17:00	98/05/15 16:38	FEAT	QUIK	Marketing Approved		
0000000000000000000042	F0101402	98/05/22	09:08	98/05/22 09:07	FEAT		Complete		
0000000000000000000045	F0102435	98/05/02	09:51	98/05/02 09:51	IMPU		Complete		
0000000000000000000049	F0104361	98/05/08	11:58	98/05/08 12:01	IMPL		Complete		
0000000000000000000051	F0104781	98/05/09	18:28	98/05/09 18:28	FEAT		Complete		
0000000000000000000052	F0105542	98/05/11	20:27	98/05/11 09:27	FEIS		Complete		

10/20/98 10:00 AM

1699) Fig 27(h)

<b>Order Administration</b>		<b>Order Details</b>	
Corp ID:	90002210	Corp Name:	In progress
Order type:	EAT	Sub Order type:	
New Cap Order Num:	FD329504	New Cap Order Status:	Complete
Network Manager Order No:	00000000000000000000	Network Manager Order Status:	
Effective Date / Time:	Date: 01/19/2000 Time: 2045:00	Plan ID:	00000000
Order Date:	01/19/2000	Order Type:	00000000

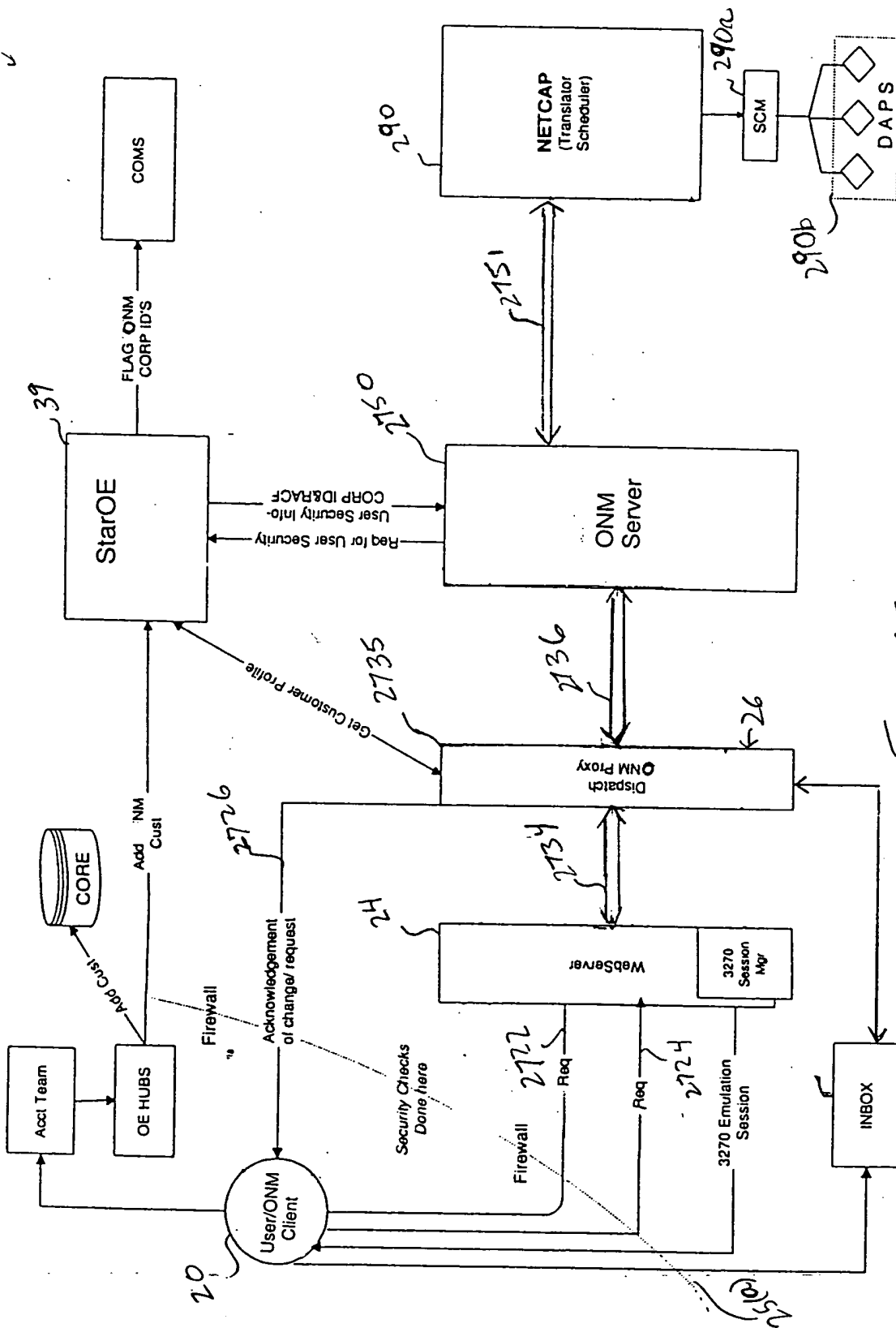
Order Data	Date/Time Approval	Remarks
Parent Order No.		Child Order Nos.
New Cap Return Order		Network Manager Notify Users
Billing Number	00/1282578	
Est ID#	00000000	
Plan ID	00000000	Plan ID Prev
Plan Level	Number Level Plan	Plan Level Prev
New Cap Locking ID		Disconnect Order Type
New Cap Encoding ID		Network Manager Locking ID

**Status bar:** Additional status information here:

Fig 27(i)

# Bethel College

2700



4-28

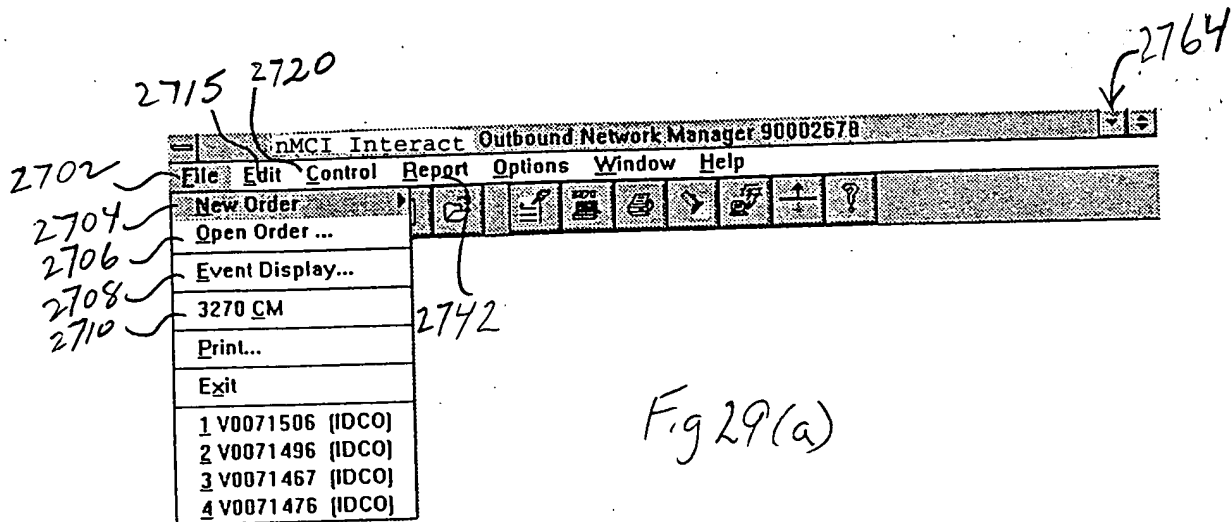


Fig 29(a)

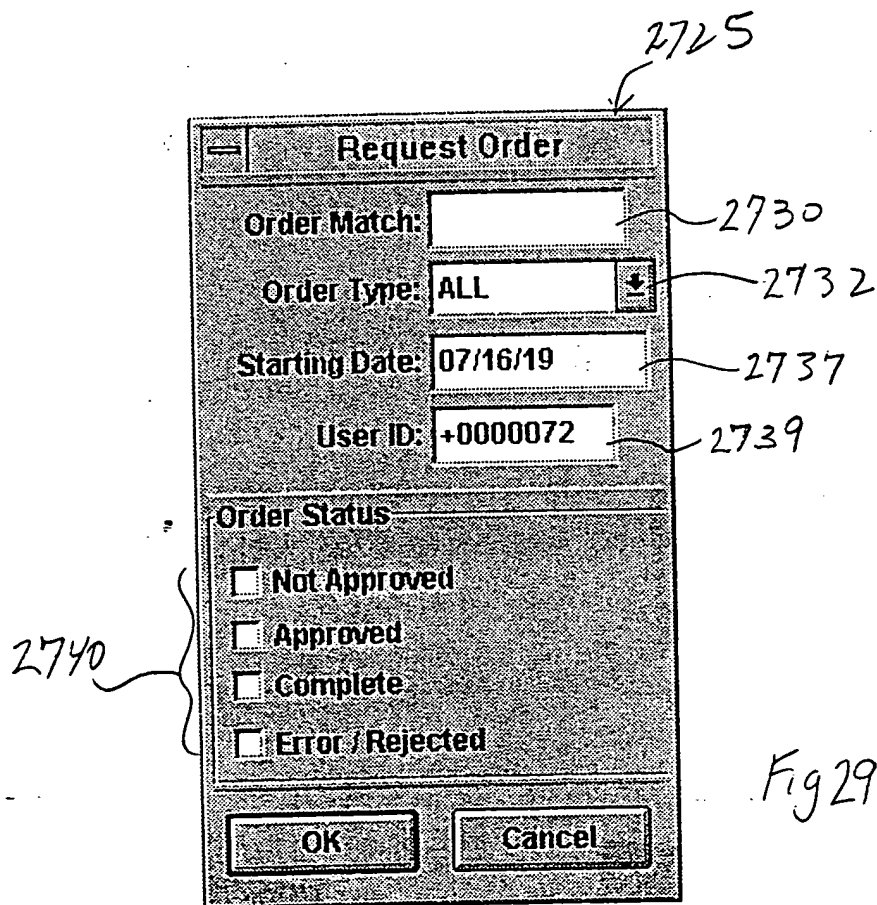


Fig 29(b)

2744

MCI Outbound Network Manager 90002670

File Edit Control Report Options Window Help

Orders

Order Nbr	User	Order Status	Type	Date Prepared	Effective Date/Time
00070033	+0000072	Complete	TOCO	07/11/1996	07/11/1996 09:41
00070050	+0000072	Complete	TOCO	07/11/1996	07/11/1996 09:50

2743

2745 2746 2747 2748 2752 2753

Details Close

2:22 PM

2754 Fig 29(c)

CPN Order V0074227

Order Administration

Date/Time Required: 07/19/19 14:04 Priority: 2 Order Status: Not Approved

Remarks: 2762 2767 2764

Approve

CPNs In Inventory

City	CPN Beginning	Description

2770 2772 2774 2775 2776 2779 2778

Relieve Component Count: 0

CPN Updates

City	CPN Beginning	Description
A 001	4163538000	Toronto Office
2781	2782	2783
2784	2785	2786

2787

Add Delete Component Count: 1

Attributes

Item	Value
Country	001
Cust Acct No	
Division ID	00 2793
Description	Toronto Office
Cellular Ind	No

CPN Nbr: 0014163538000 0014163538009

Country: 001

Set Dfl Use Dfl Undo Expand

Close

Fig 29(d)

2791 2796 2797 2798

864260" 56965F60



**Add New CPN**

Prov Carrier: 0010888 STENTOR Country: 001 Add Remove

CPN From: 4163538000 CPN To: 4163538009

Description: Toronto Office

Can	Entry	CPN From	CPN To	Description
0888	001	4163538000	4163538009	Toronto Office

OK Cancel

Fig 29(e)

**Retrieve CPNs from Inventory**

Selected CPNs: Country: 001 WORLD ZONE 1 CPN From: Quantity: 1

Network ID: All Range Privilege: All ID Code Set: All Description:

Add Remove

Qty	Entry	CPN From	Net	RP	Set	Description
-----	-------	----------	-----	----	-----	-------------

OK Cancel

Fig 29(f)

2840

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2860

**Calling Party Number Attributes**

Country: 001 From: 7195359000 To: 7195359000

Customer Account: 60193848 Division ID: 60

Description: ASPEN RESORTS Cellular No:

Network ID: 01 MAIN NETWORK

Range Privilege: U 003

ID Code Set: (None)

Supp Code Collection: 0 DO NOT COLLECT

Data Indicator: 00 NOT USED

Prov Carrier: 0010222

Location Type: A

ID Code Length: 00

Account Code Length: 00

Set Default Use Default OK Cancel

Fig. 29(g)

2870

2880

2882

2890

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2900

2904

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2911

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2918

2919

**Calling Card Order V0075442**

Order Administration

Date/Time Required: 07/23/19 16:14 Priority: 2 Order Status: Not Approved

Remarks:

Approve

Card In Inventory

Card Nbr	PIN	Description
2894	2898	2896

Retrieve Component Count: 0

Card Updates

Card Nbr	PIN	Description
2901	2902	2903
2905		

Component Count: 0

Attributes

Item	Value
2912	2913

Card Nbr: 2914 2915 2916 2917 2918

Set Default Use Default Undo Expand

Close

Fig 29(h)

**Retrieve Calling Cards from Inventory**

**Selected Calling Cards**

Card Nbr  PIN  Quantity

Network ID:  All

Range Privilege:  All

Description:

Qty	Card Nbr - PIN	Net	RP	Description

Fig 29(i)

**Calling Card Attributes**

Calling Card:

Division ID:  Customer Acct:

Description:

Network ID:  Prov Carrier:

Range Privilege:  Location Type:

Range Restriction:

Fig 29(j)

800-260-5655

2950

2960

Dialing Plan Order V0076321

Order Administration

Date/Time Required 07/24/19 15:41 Priority 2 Order Status Not Approved 2963

Remarks 2964 2961 2962 2965 Approve

Dialing Plans In Inventory

Ctry	Dial Plan	Beginning	Type
2971	2972	2973	2976

2970

2975 Retrieve Component Count 0

Dialing Plan Updates

Ctry	Dial Plan	Beginning	Type
2981	2982	2983	2984

2980

2985 Add Delete Component Count 0

Attributes

Item	Value
2992	2994

2990

Dial Nbr. 2996

2997 Undo Expand 2998

Close 2999

Fig 29(k)

3000

Retrieve Dialing Plans from Inventory

Selected Dialing Plans

3001 IDDD Country 3002 Dialed Digits 3003 Quantity 3004

Private 001 WORLD ZONE 1

Network ID: 01 MAIN NETWORK 3006

Termination Location ID: All 3008 Add Remove

Qty	Type	Cntry	Dialed Digits	Range	Nel	Term
-----	------	-------	---------------	-------	-----	------

3005

OK Cancel

Fig 29(l)



The screenshot shows the 'Dialing Plan Attributes' dialog box with the following fields and annotations:

- 3022** points to the **Dialing Plan Attributes** title bar.
- 3025** points to the **Dialing Plan Range** label.
- 3026** points to the **Type** radio buttons, with **Private** selected.
- 3027** points to the **Network ID** field, which contains '01 MAIN NETWORK'.
- 3028** points to the **Country** dropdown menu.
- 3029** points to the **From** field.
- 3023** points to the **To** field.
- 3023** points to the **Carrier Id** field.
- 3030** points to the **Termination** section header.
- 3031** points to the **Location Name** field.
- 3032** points to the **Type** dropdown menu, which has 'DAL' selected.
- 3033** points to the **Location ID** field.
- 3034** points to the **Country** dropdown menu.
- 3035** points to the **Prefix Digits** field.
- 3036** points to the **Reuse Digit Length** field, which has '00' selected.
- 3037** points to the **Nature of Subsequent Address** dropdown menu.
- 3038** points to the **Point of Origin Routing Indicator** checkbox, which is checked.
- 3020** points to the top right corner of the dialog box.

The dialog box has an **OK** button and a **Cancel** button at the bottom.

The screenshot shows a software window titled "Add / Change ID Code Set Order V0069761". The window is divided into several sections:

- Order Administration:** Contains fields for "Date/Time Required" (07/10/1996 15:44), "Priority" (2), and "Order Status" (Not Approved).
- Remarks:** A text area containing the handwritten code "3055".
- ID Code Sets In Inventory:** A table with columns "Set", "Type", "Len", and "Description". It contains one entry with "Set" 3061, "Type" 3062, "Len" 3063, and "Description" 3064. Below the table are buttons "Retrieve" and "Component Count" (0).
- ID Code Set Updates:** A table with columns "Set", "Type", "Len", and "Description". It contains one entry with "Set" 3068, "Type" 3069, "Len" 3066, and "Description" 3067. Below the table are buttons "Add" and "Component Count" (0).
- Attributes:** A table with columns "Item" and "Value". It contains one entry with "Item" 3082 and "Value" 3083.
- Buttons:** "Approve" (checked), "Undo Code", "Del Code", "Add Code", and "Close".

Handwritten annotations in the image include:

- 3050: Points to the window title bar.
- 3051: Points to the "Order Administration" section.
- 3052: Points to the "Remarks" field.
- 3053: Points to the "Priority" field.
- 3054: Points to the "Order Status" field.
- 3055: Points to the handwritten code in the "Remarks" field.
- 3056: Points to the "Approve" button.
- 3060: Points to the "ID Code Sets In Inventory" section.
- 3061: Points to the "Set" column header.
- 3062: Points to the "Type" column header.
- 3063: Points to the "Len" column header.
- 3064: Points to the "Description" column header.
- 3065: Points to the "Retrieve" button.
- 3066: Points to the "Component Count" field.
- 3067: Points to the "Description" column header in the "ID Code Set Updates" section.
- 3068: Points to the "Set" column header in the "ID Code Set Updates" section.
- 3069: Points to the "Type" column header in the "ID Code Set Updates" section.
- 3070: Points to the "ID Code Set Updates" section.
- 3080: Points to the "Attributes" section.
- 3081: Points to the "Set" column header in the "Attributes" section.
- 3082: Points to the "Item" column header in the "Attributes" section.
- 3083: Points to the "Value" column header in the "Attributes" section.
- 3084: Points to the "Set" column header in the "Attributes" section.
- 3085: Points to the "Undo Code" button.
- 3086: Points to the "Del Code" button.
- 3087: Points to the "Add Code" button.

09159695-092498

3090

Retrieve ID Code Sets from Inventory

3091 Selected Sets

3092 Set:

3093 Description:

3094 ID Code:

Quantity:

3095 Add

3096 Remove

Qty	Set	ID Code	Description

3097 OK

3098 Cancel

Fig 29(o)

3100

Add ID Codes to Set

3102 Set:

3104 Description:

Length:

Type:

Generate

☒ Single

☐ Sequential

☐ Random

ID Code:

3112

Range Privilege:

3118 Add

Description:

ID Codes in Set 700

ID Code	Len	Description

3125

Find ID Code

Find

3126 OK

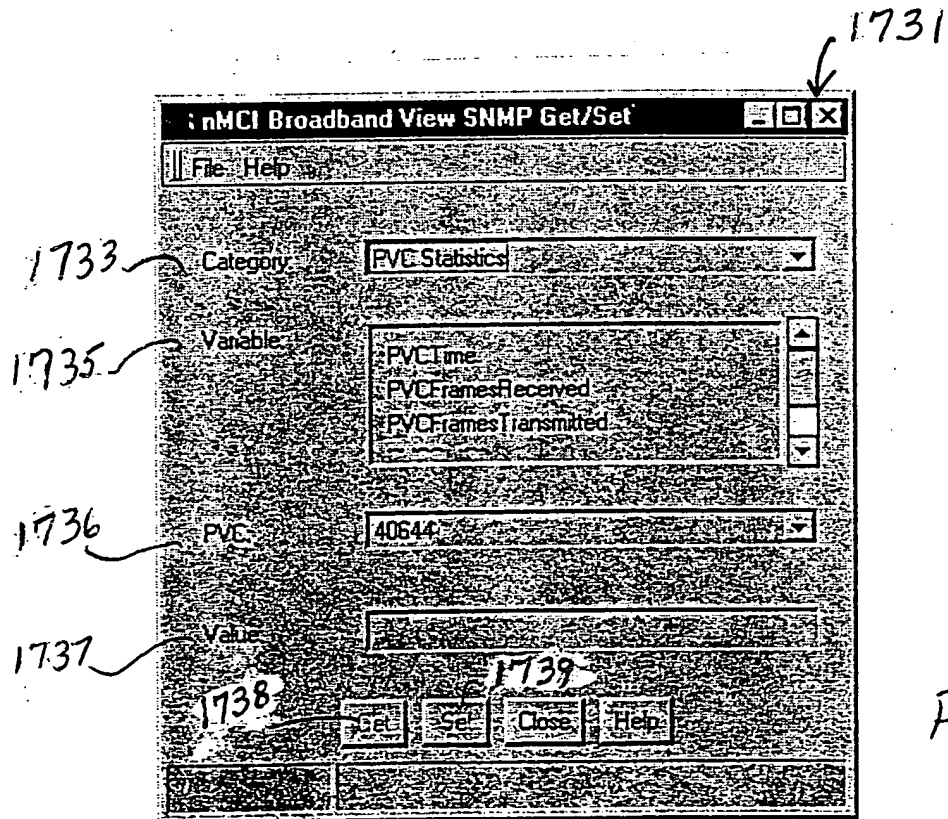
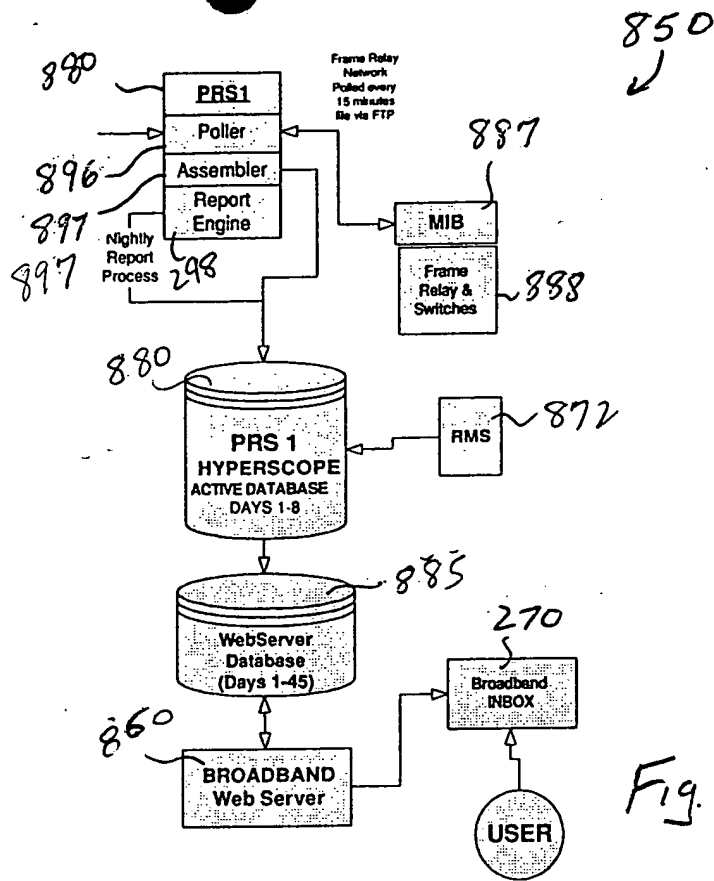
Cancel

Fig 29(p)



The diagram illustrates a network architecture for a Frame Relay Network. At the top, a box labeled **PRS1** contains three sub-components: **Poller**, **Assembler**, and **Report Engine**. This box is connected to a **MIB** (Management Information Base) box and a **Frame Relay & Switches** box. Below these are two database cylinders: **PRS 1 HYPERSCOPE ACTIVE DATABASE DAYS 1-8** and **WebServer Database (Days 1-45)**. A **BROADBAND Web Server** box is connected to the **WebServer Database**. A **USER** circle is connected to a **Broadband INBOX** box, which is in turn connected to the **BROADBAND Web Server**. Handwritten annotations include "890" near the PRS1 box, "896" near the Assembler, "897" near the Report Engine, "898" near the Frame Relay & Switches box, "880" near the first database, "872" near the RMS box, "885" near the second database, "270" near the Broadband INBOX, "860" near the BROADBAND Web Server, and "850" with an arrow pointing to the top right corner.

Fig.





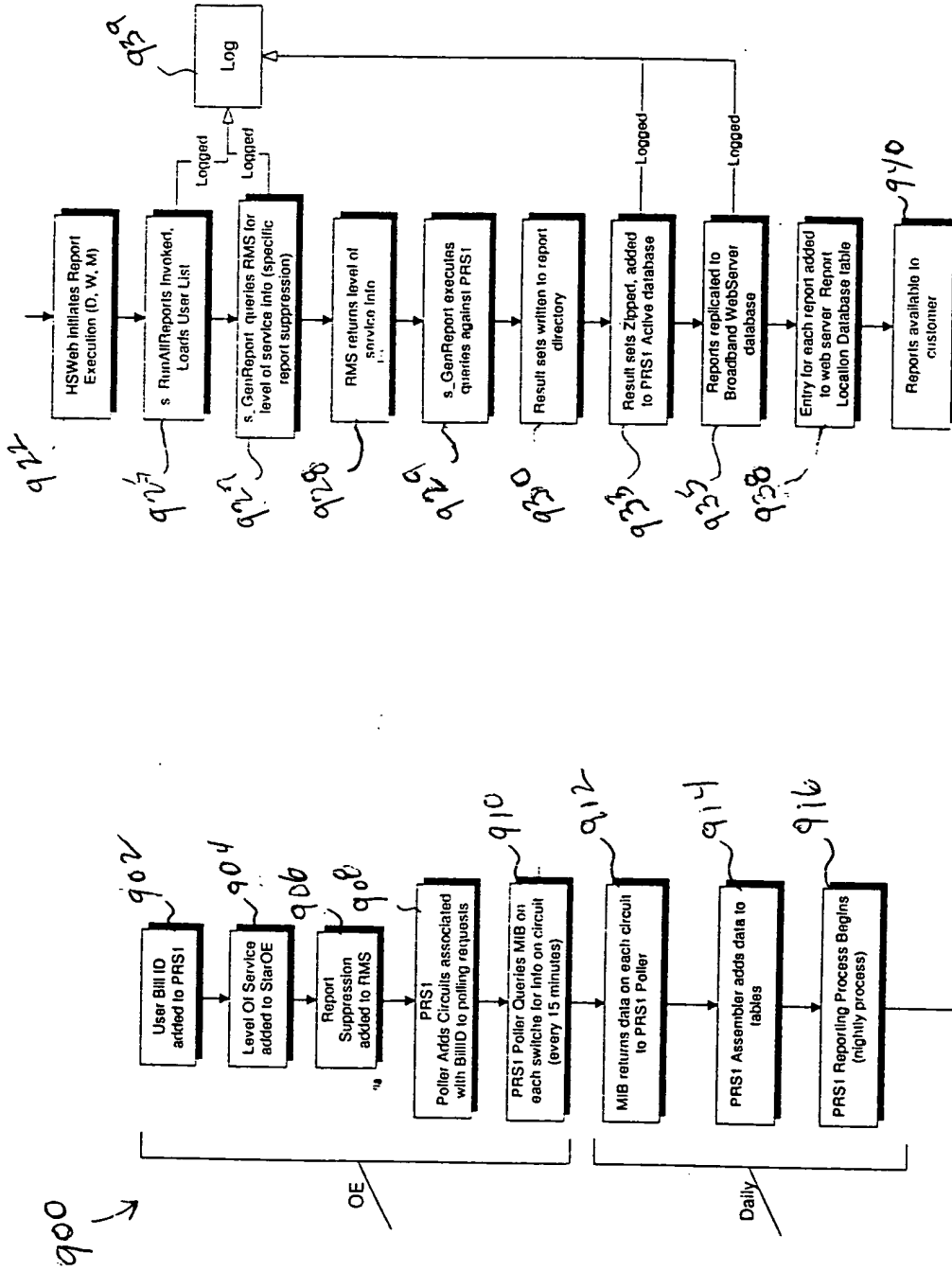


Fig 32(a)

Fig 32(b)

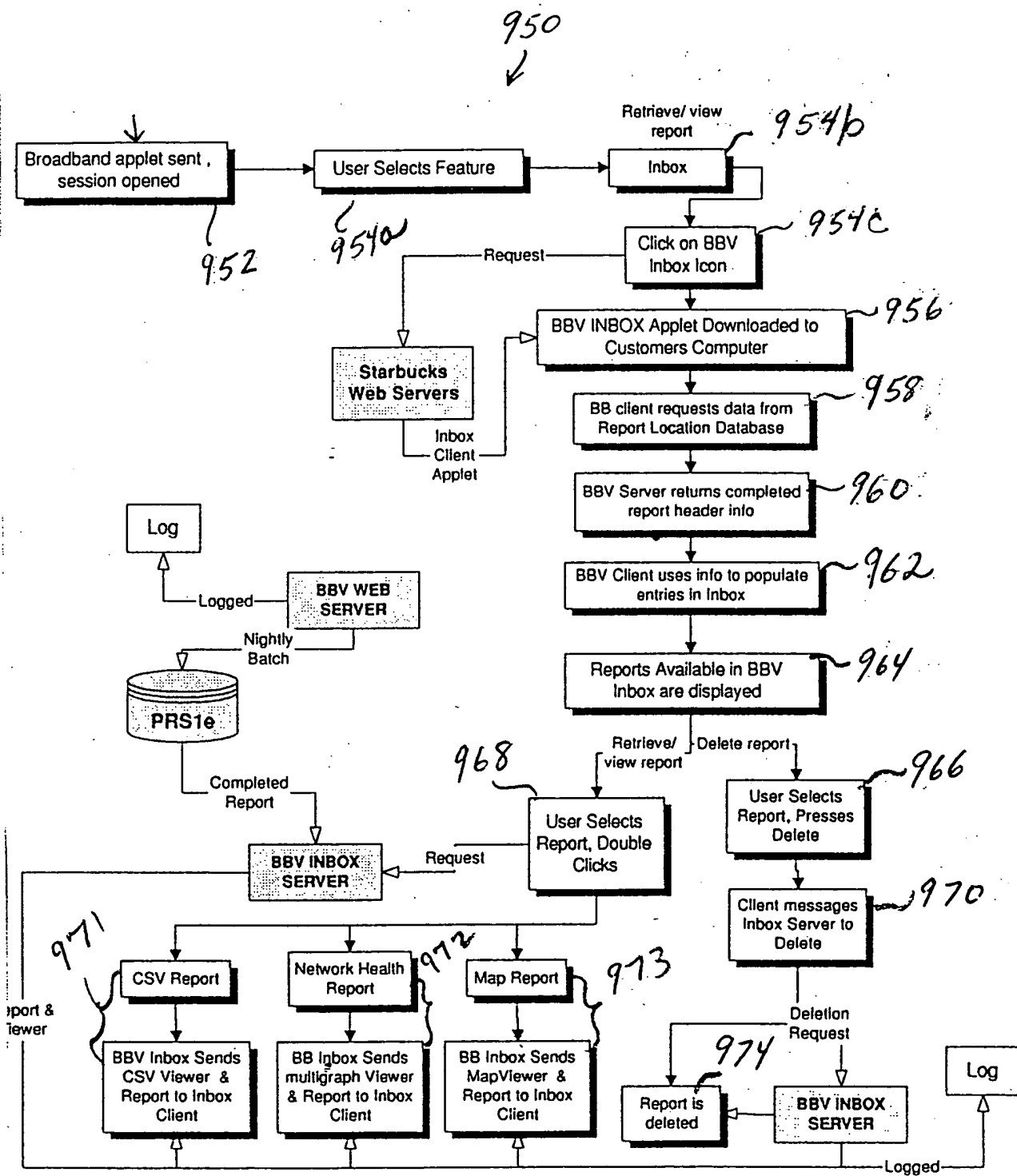


Fig. 33

864260-56965160

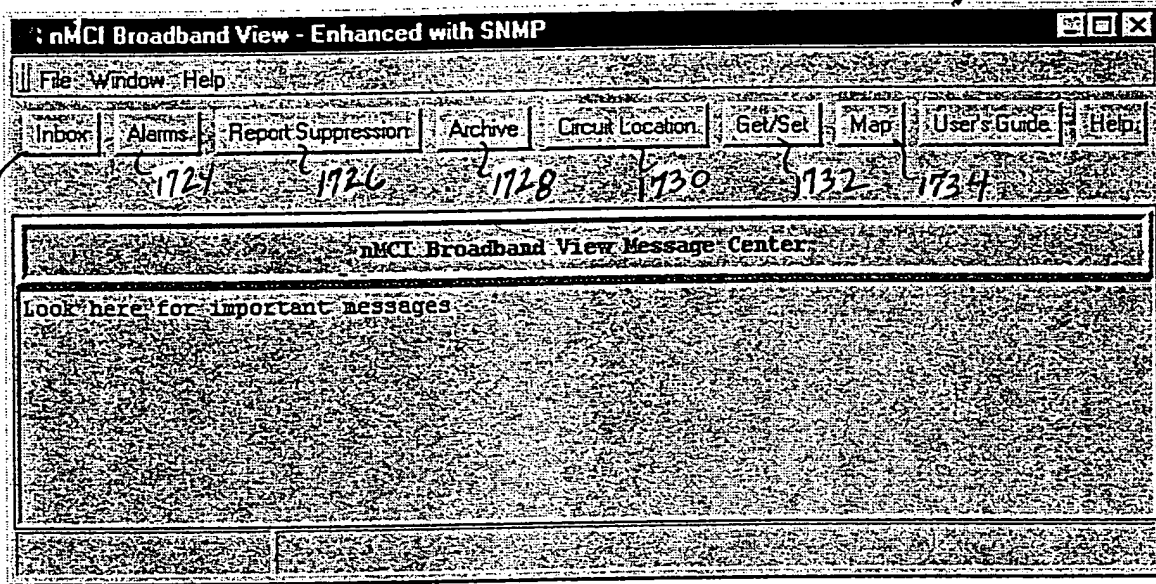


Fig 34(a)

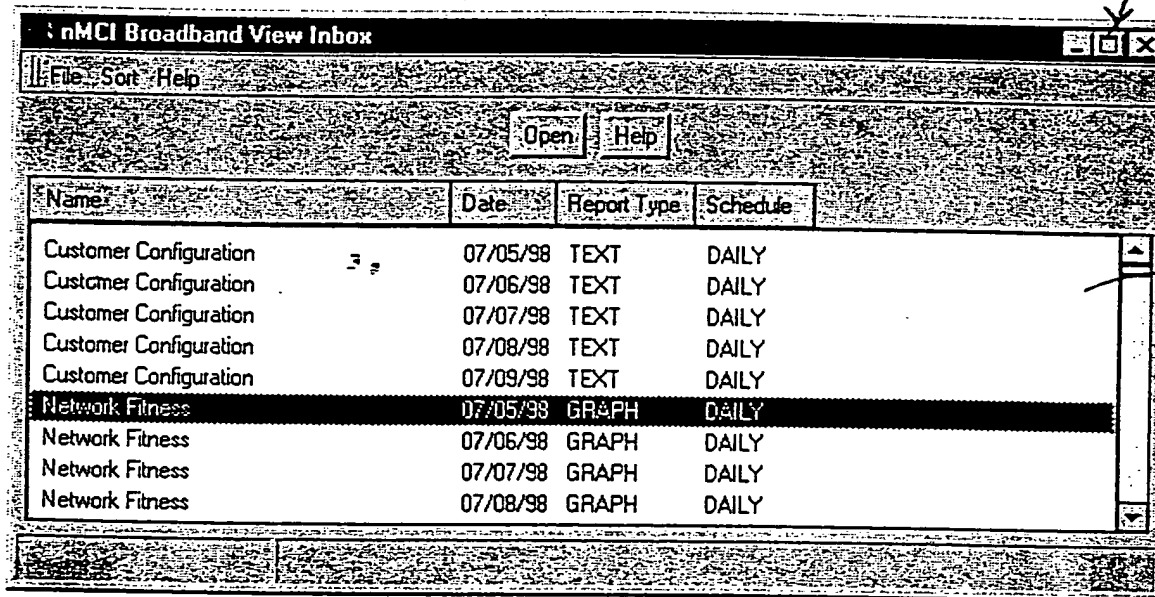


Fig 34(b)

1750

nMCI Broadband View Report Suppression

File Help

Report Name: Customer Configuration

Report Type: Text

Report Schedule: Daily

Report Generation: ENABLED

OK Cancel Help

Fig 34(c)

1760

nMCI Broadband View Archive Reports

File Help

Report Name: Customer Configuration

Previous Days: 0 Tuesday, July 14, 1998

Report Type: Text

Report Schedule: Daily

Submit Close Help

Fig 34(d)

00159695-062498

1769

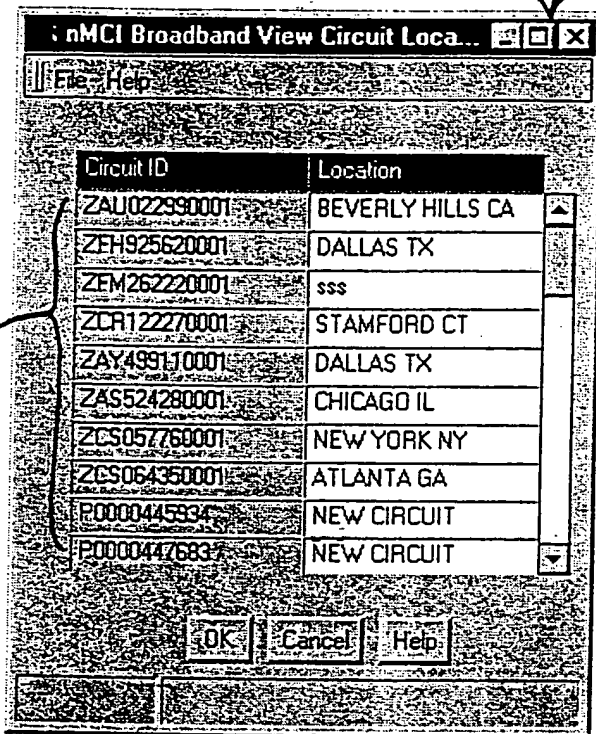


Fig. 34(e)

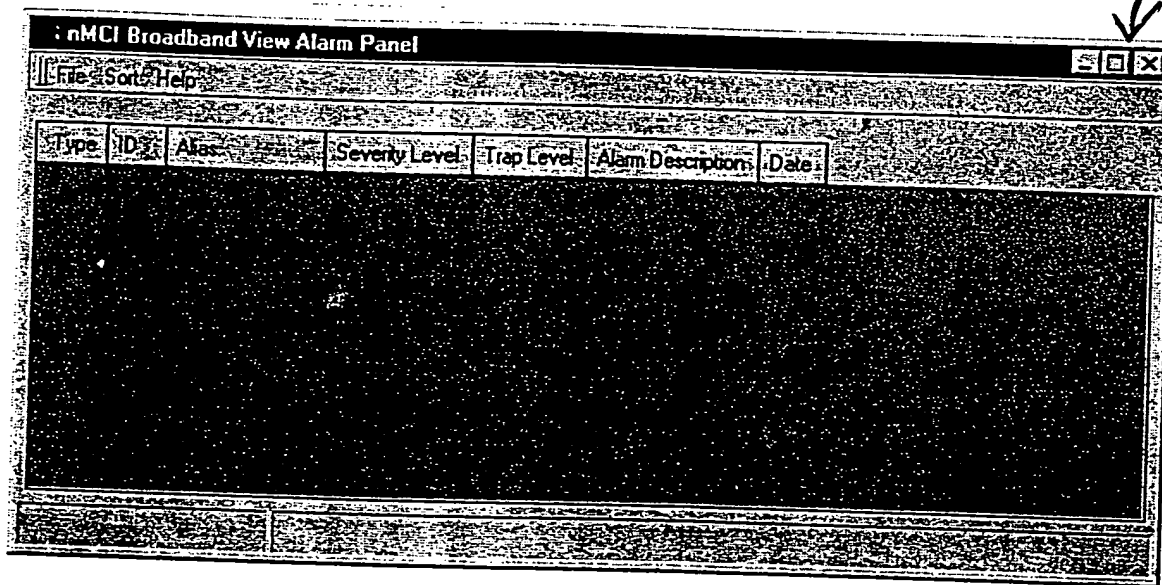


Fig. 34(f)

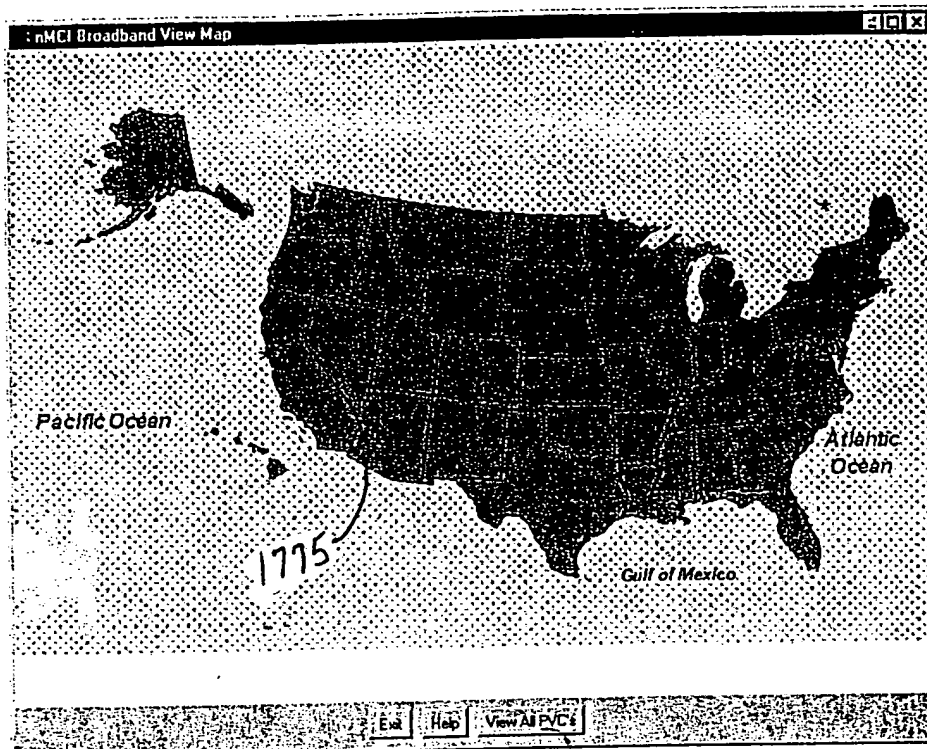


FIG. 35(a)

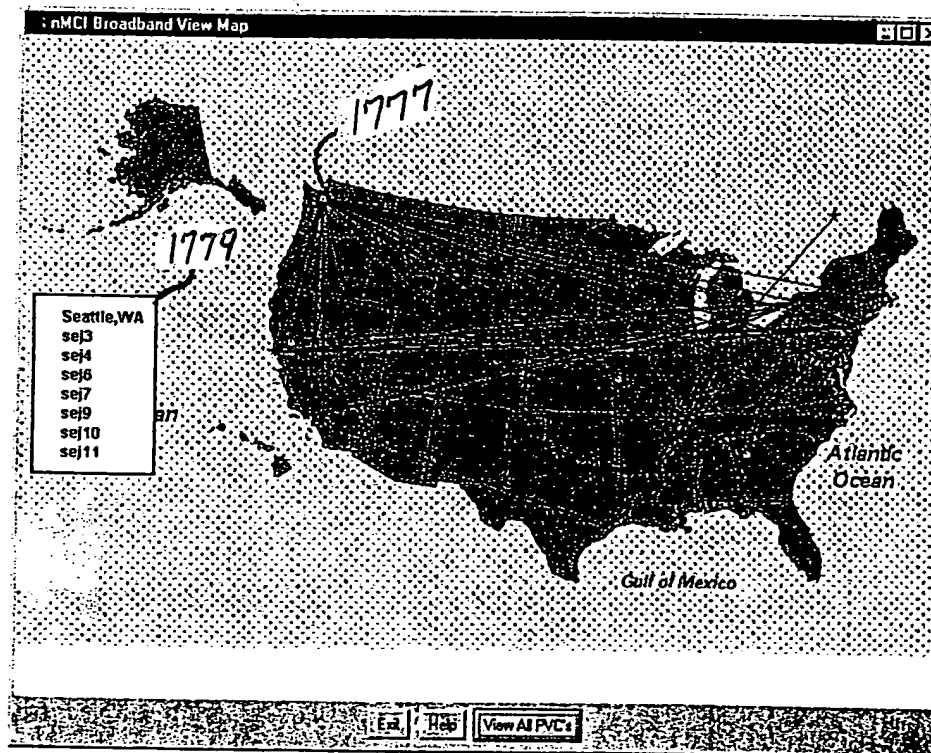


FIG. 35(b)

1000

20

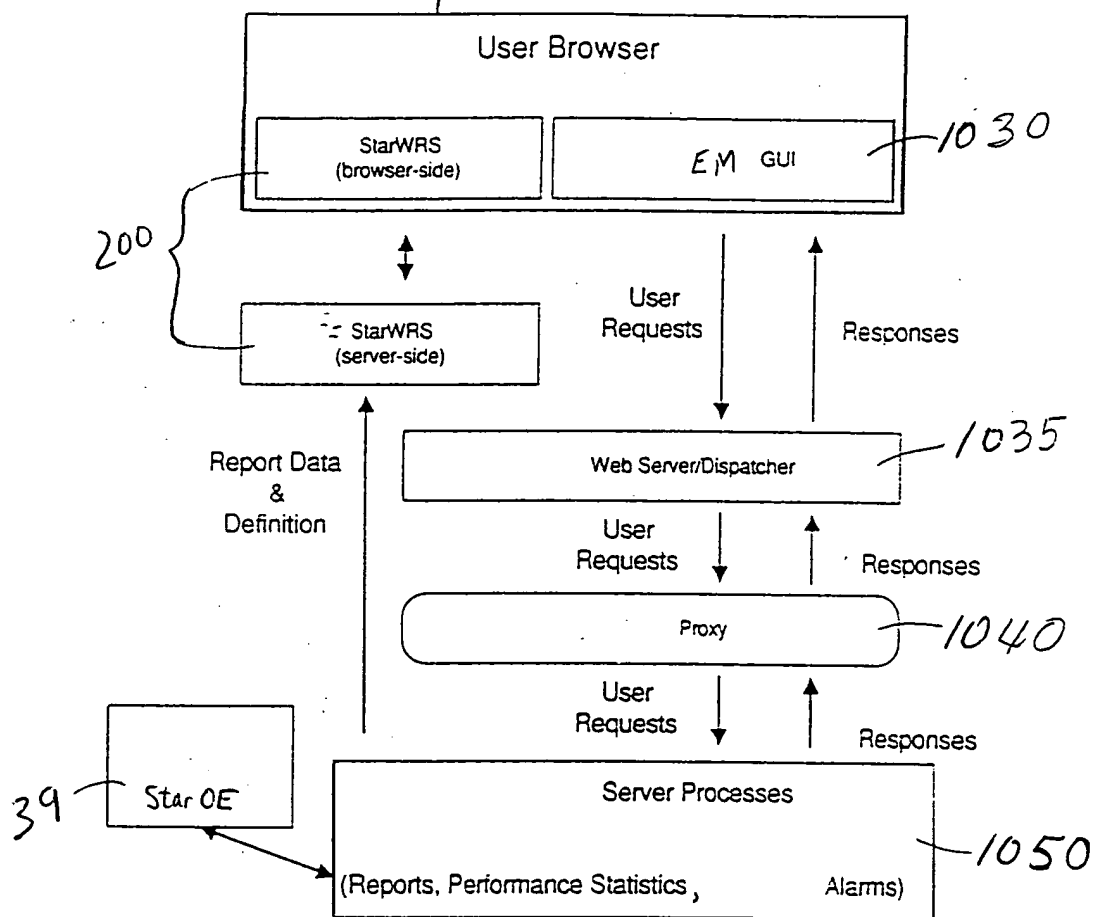


Figure 36

1002

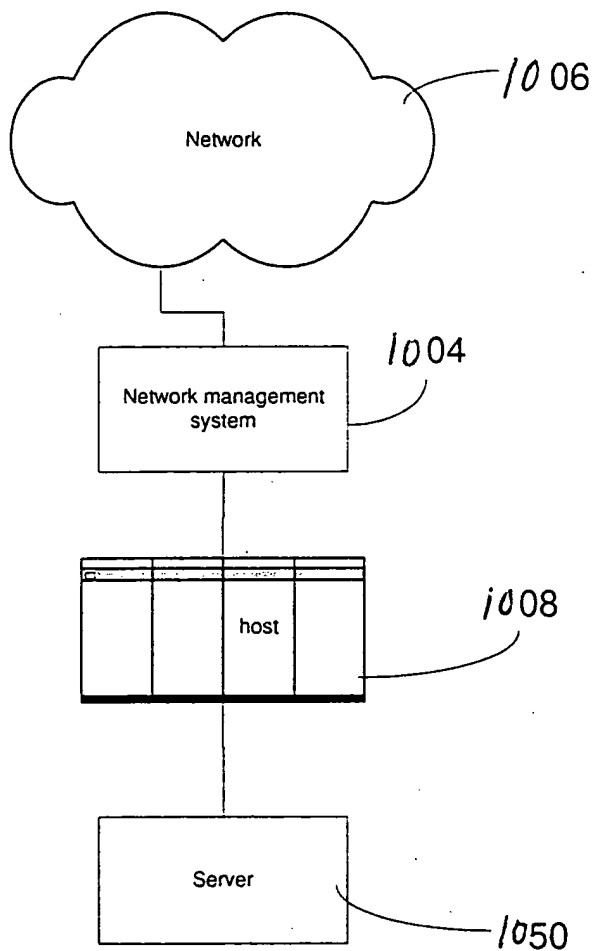


Figure 37



# CICS Gateway Overview

IBM S/370

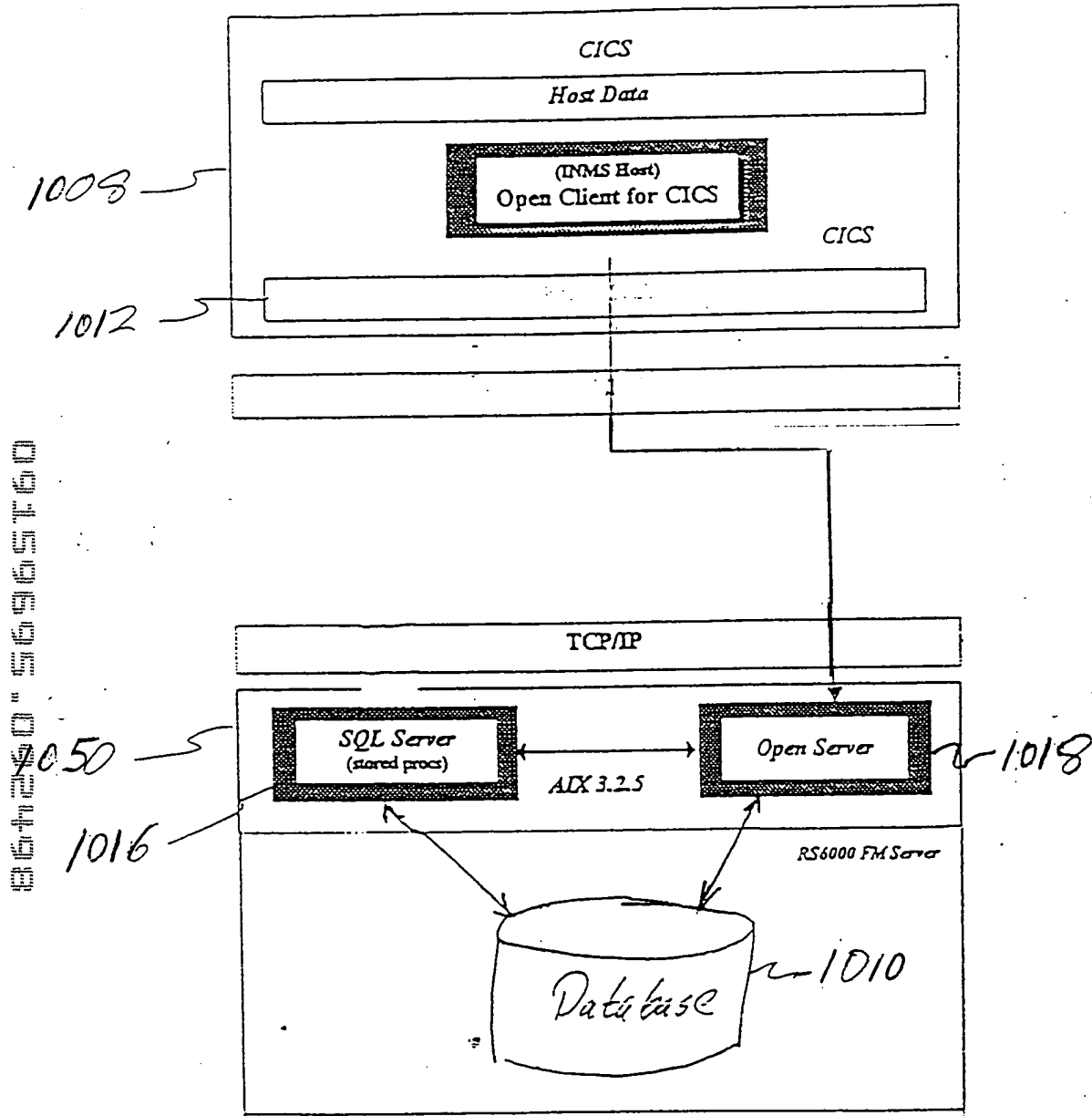


Figure 38

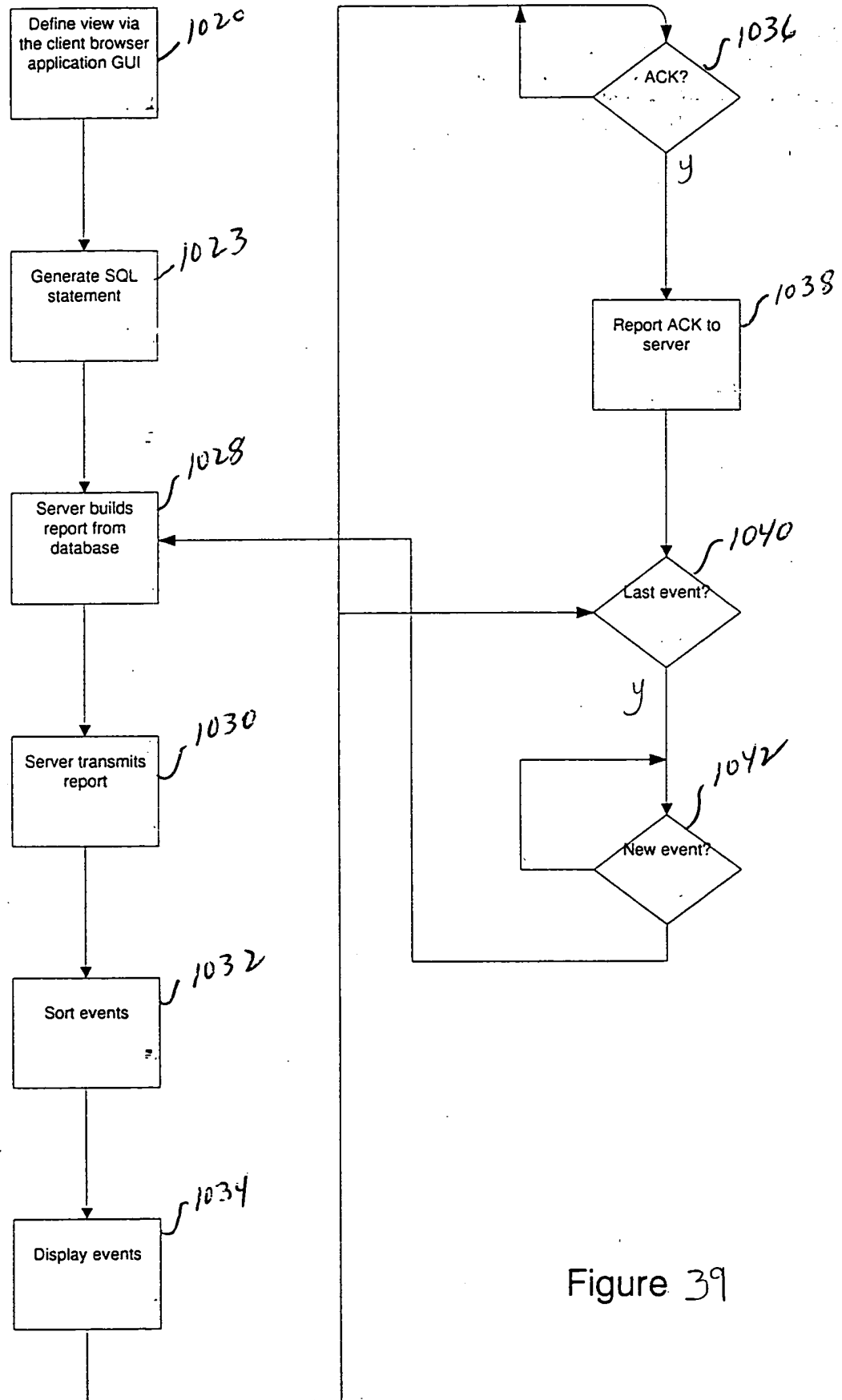


Figure 39

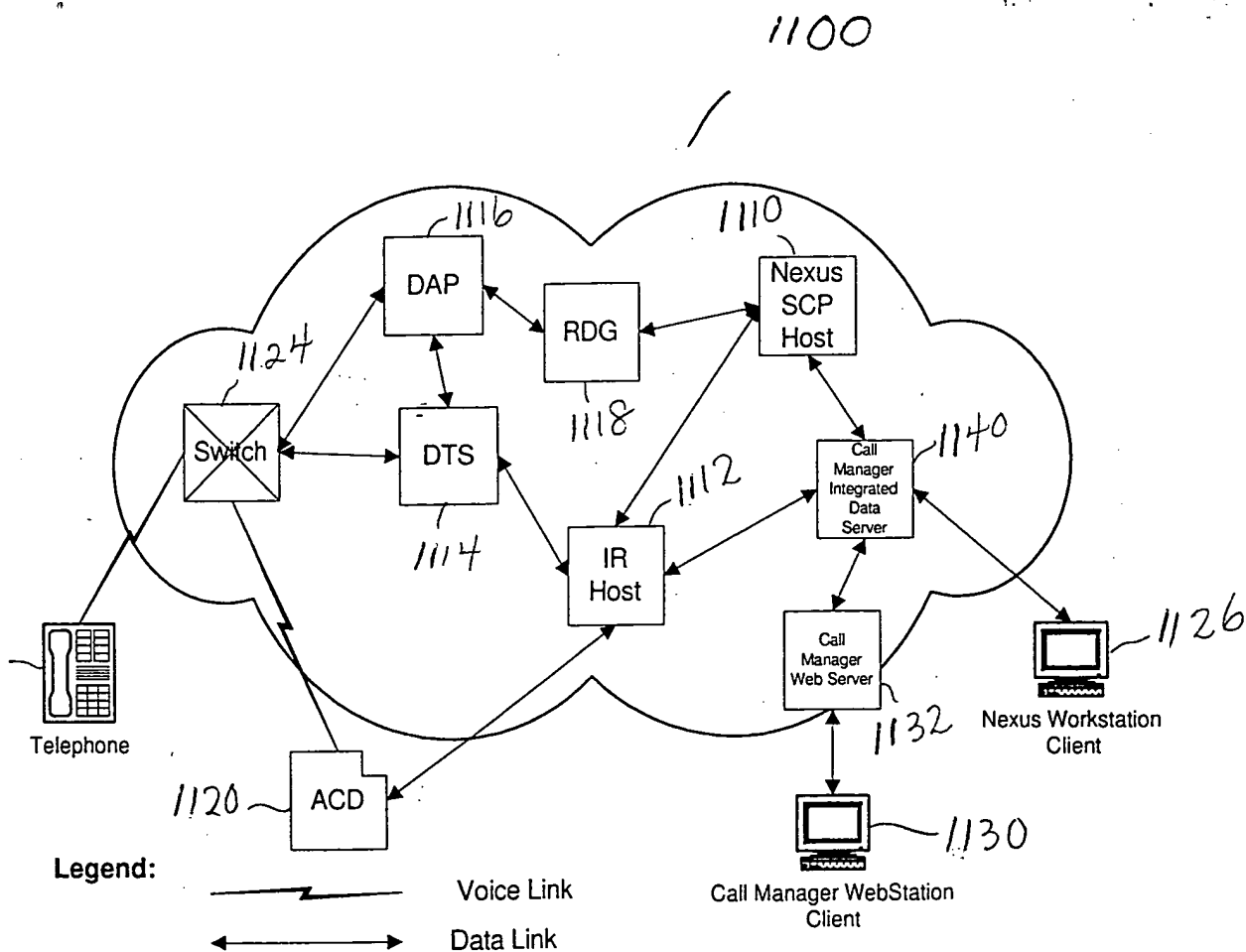


Figure 40

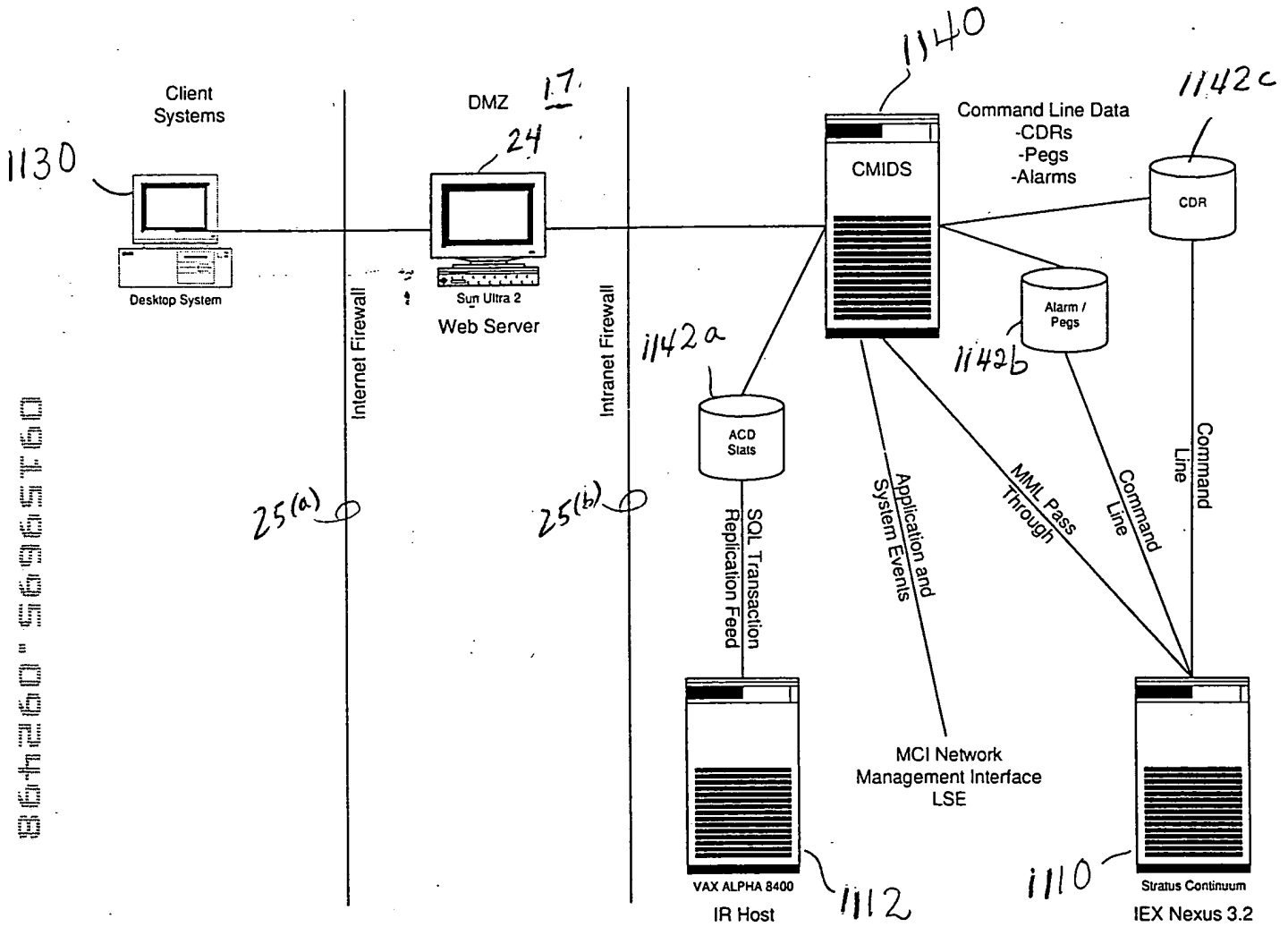


Figure 41

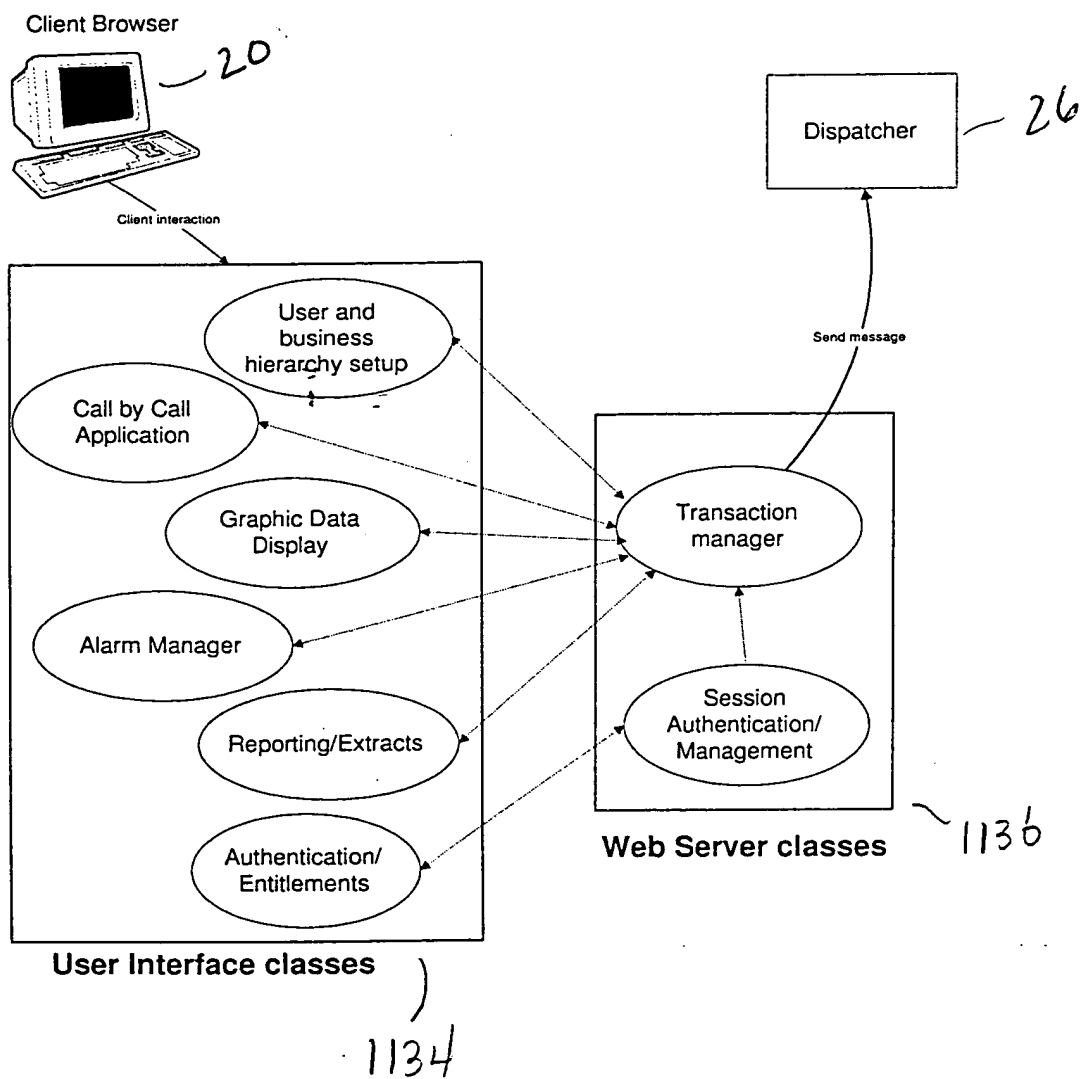


Figure 42

Web Client

Web Server

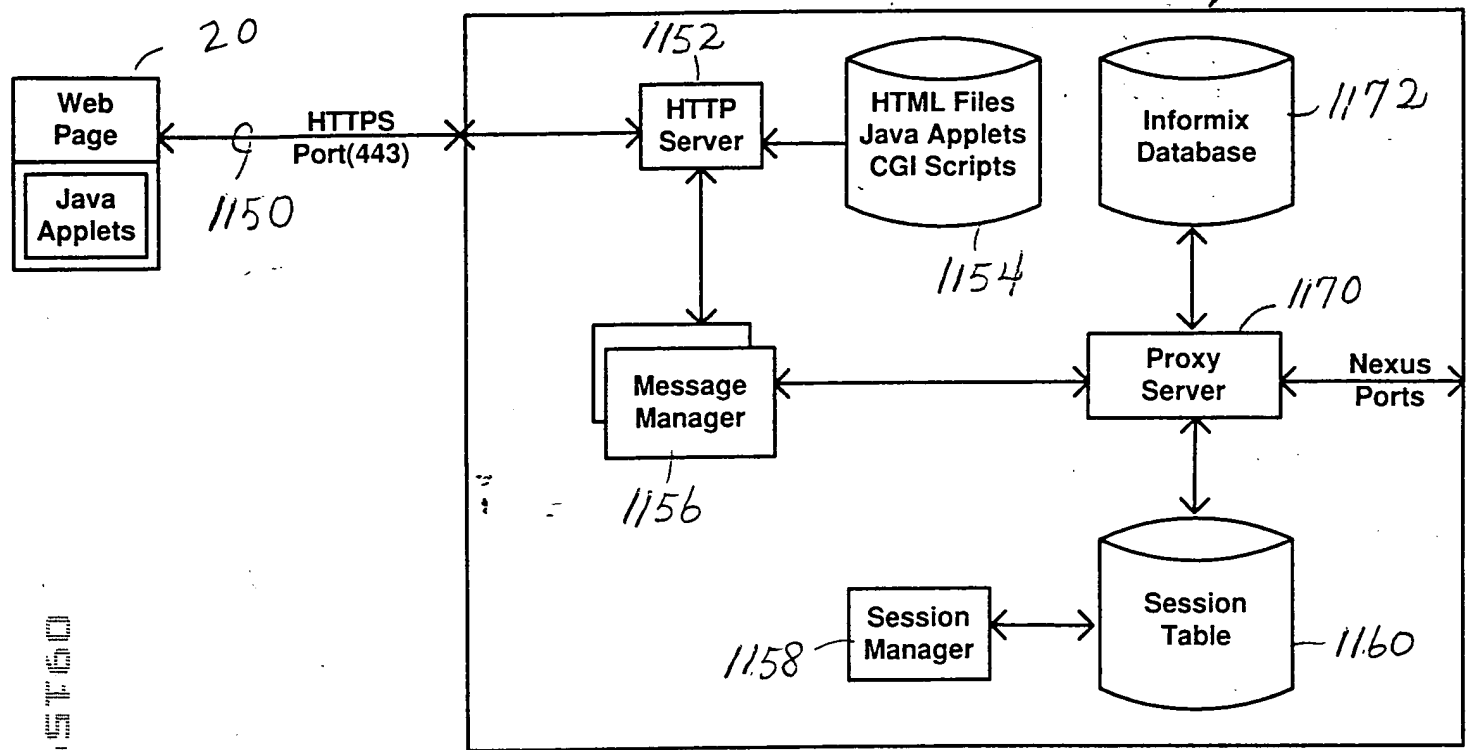


Figure 43

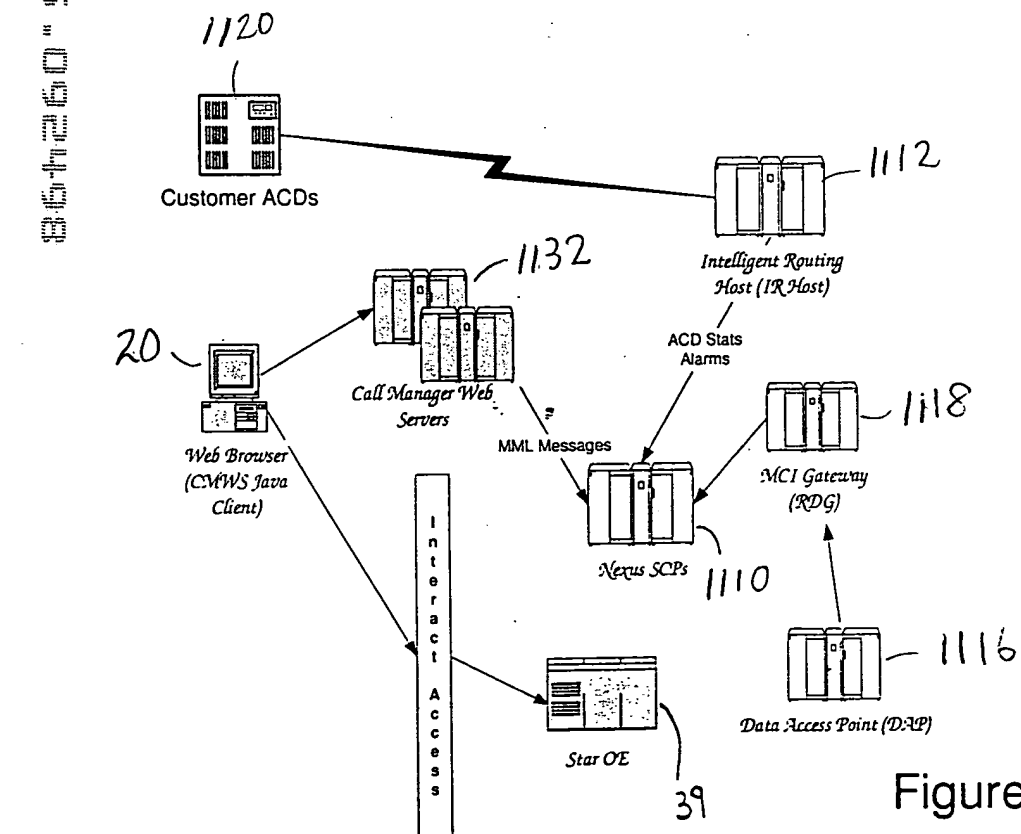
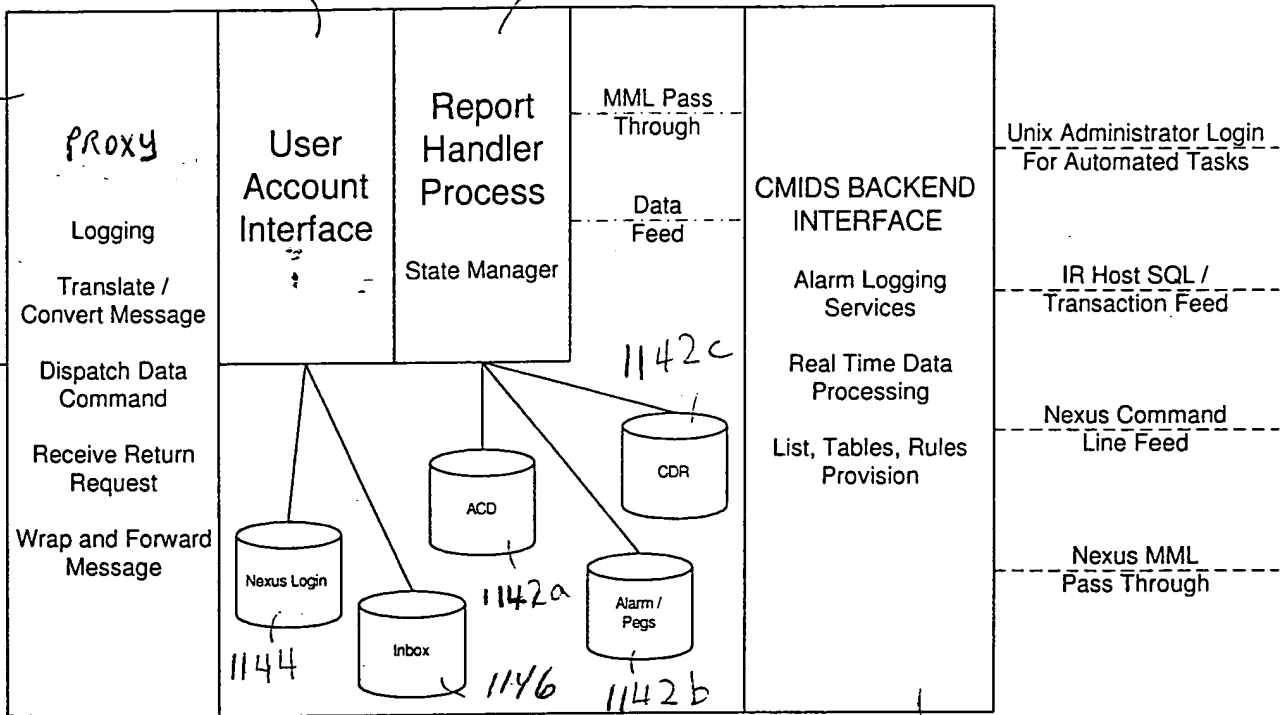


Figure 44

3614260-5695760

# Call Manager Integrated Data Server



## Legend:

Database  
Connection

Machine  
Connection

Internal  
Connection

Figure 45

1200

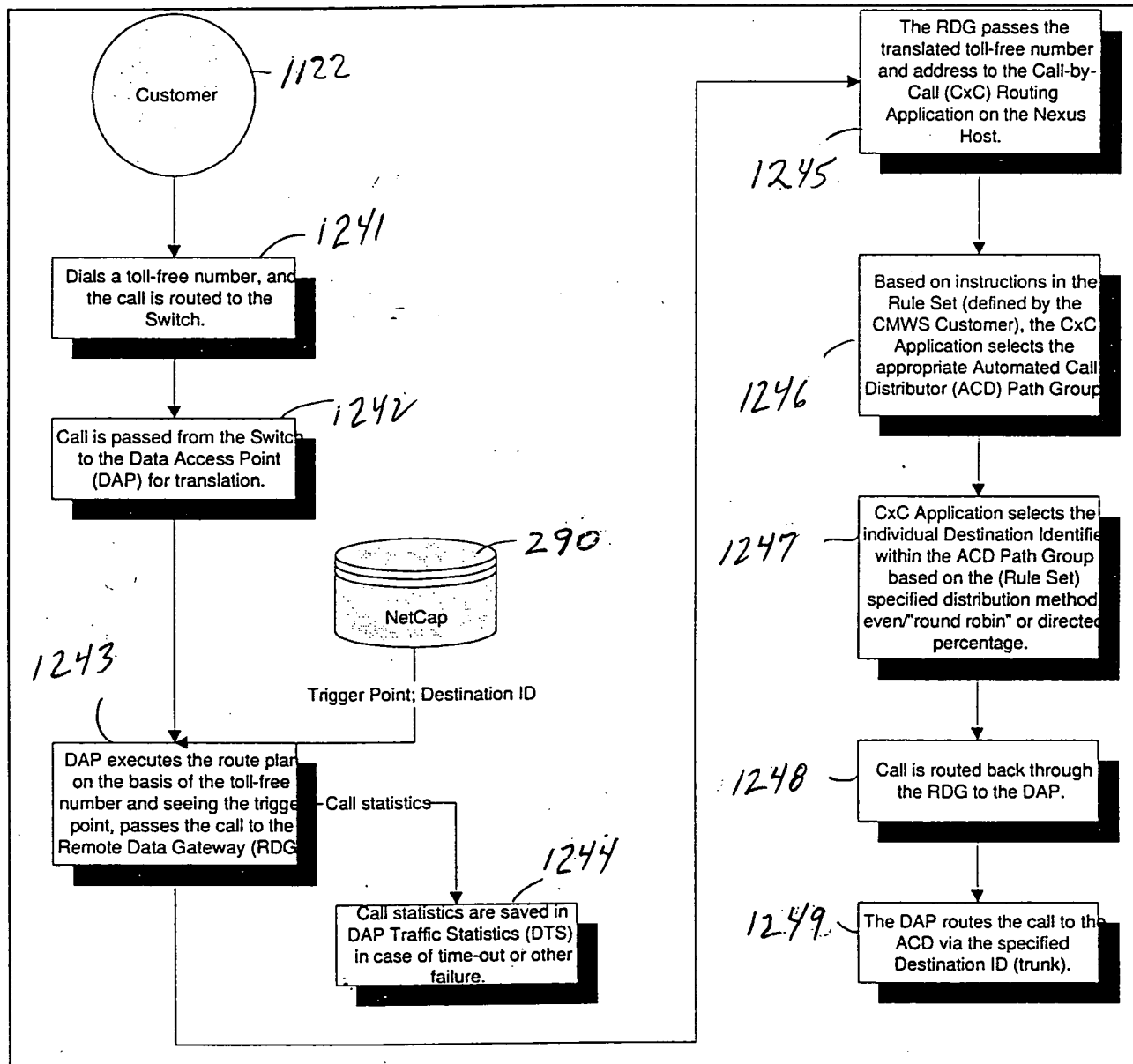


Figure 46



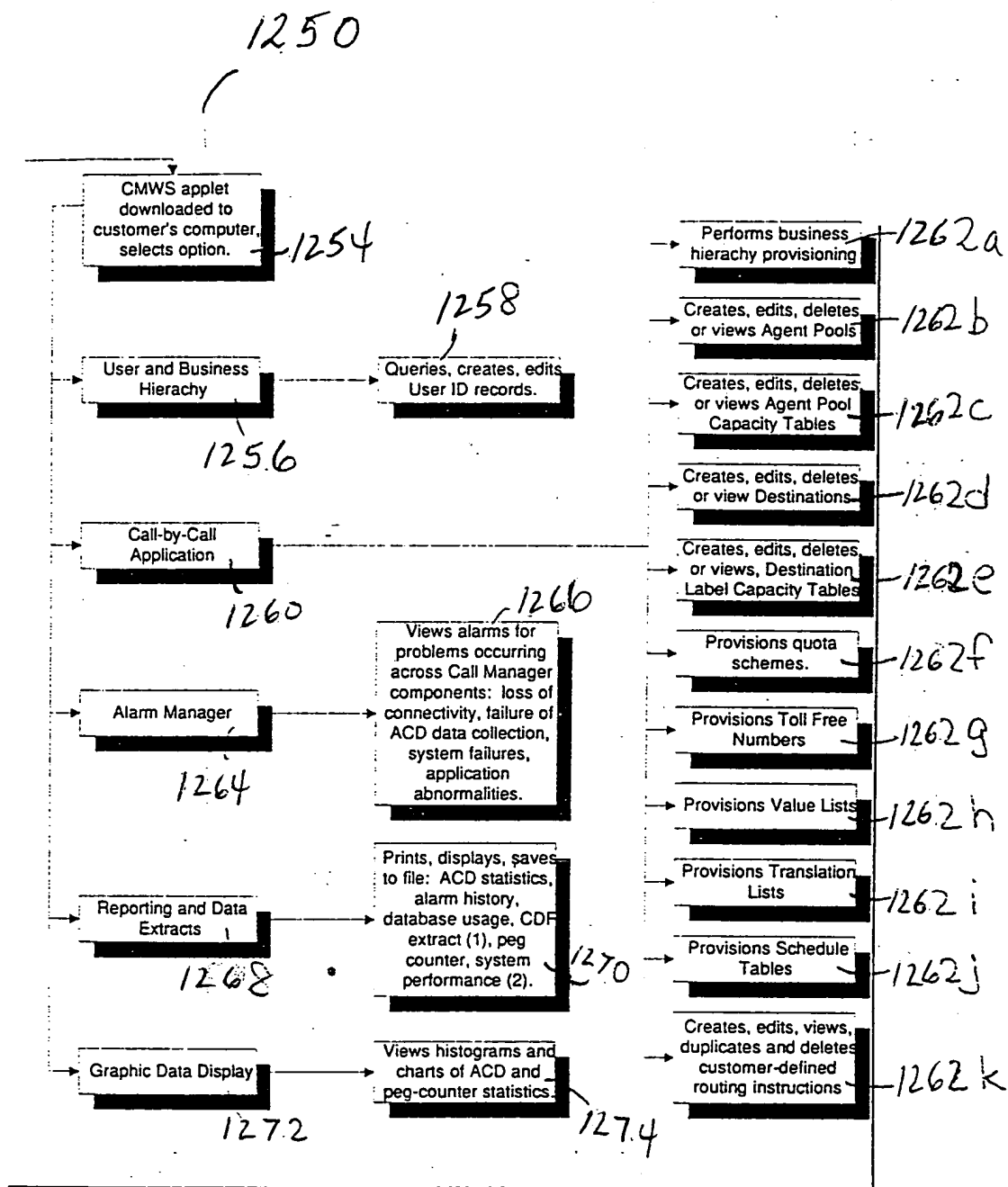


Figure 47

864260" 56965760

1850

**System Status Display**

Release: 3.2.11

Platform State: In Service

CPU Usage: 10%      Disk Usage: 44%      Free Mem: 201975K

**Active Alarms**

Critical	Oldest	Major	Oldest	Minor	Oldest	Info	Oldest
15	01:46	0	00:00	256	01:23	29	01:23

**Acknowledged Alarms**

Critical	Major	Minor	Info
0	0	0	0

**Detail Type**

Application Status Information

**Details**

Name	Instance #	Desired State	Actual State	Release #	TPS
cxc	0	OutOfService	InService	3.2.11	1

1856 1858 1860 1862 1864 1866

Close Help

Warning: Applet Window

-1852

1854

Figure 49

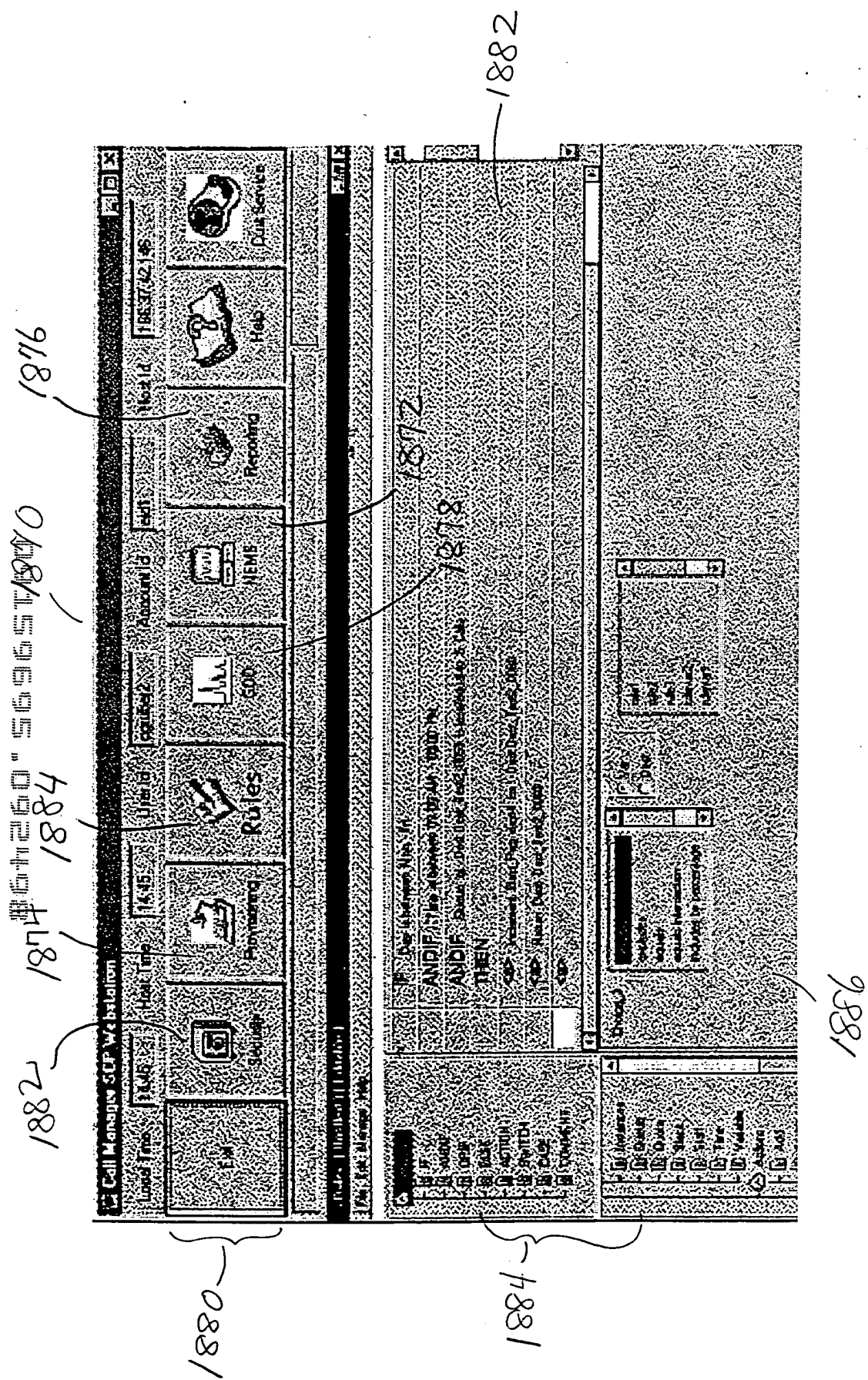


Figure 48

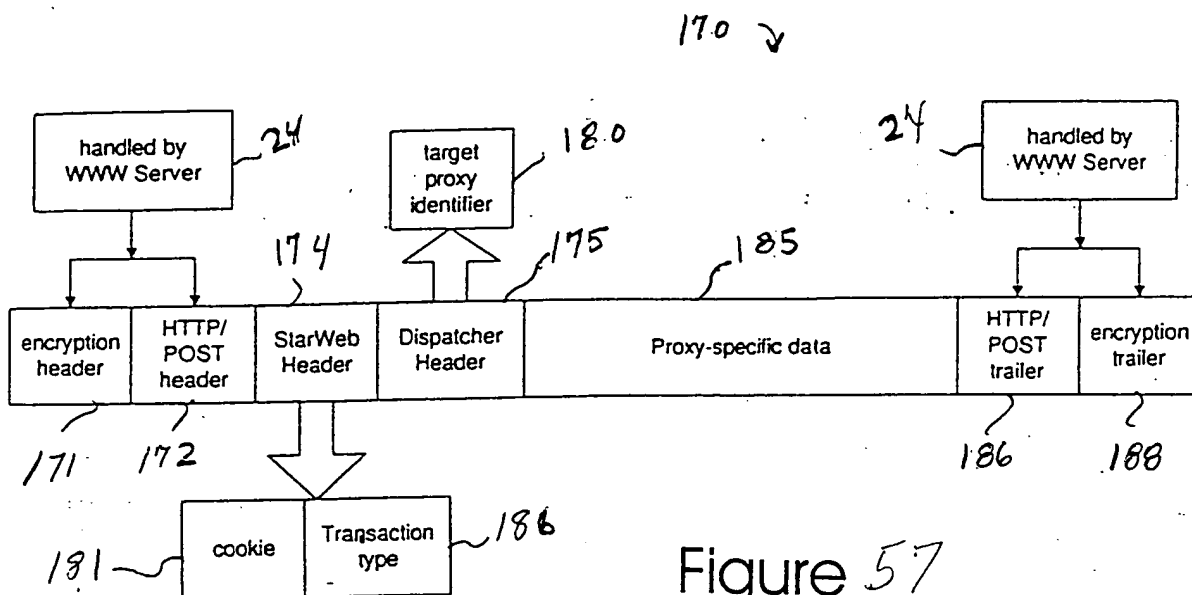


Figure 57

ACD Collector Administration

Gateway Type: 1RHOST

Site Collector Name:

SiteCollectors

Collector Name	Central Collector	Machine State	CSS Link	ACD Link	#0's
00000468	soarh-1	N/A	N/A-N/A	40	N/A
87775176		N/A	N/A-N/A	2	N/A
90077179	soarh1se0-1	N/A	N/A-N/A	3	N/A
90176912	soarh-1	N/A	N/A-N/A	12	N/A
90429279		N/A	N/A-N/A	4	N/A
99120849	soarh-1	N/A	N/A-N/A	7	N/A
99136171	soarh1se0-1	N/A	N/A-N/A	2	N/A
99403087		N/A	N/A-N/A	2	N/A

Add Delete Close Help

Figure 50

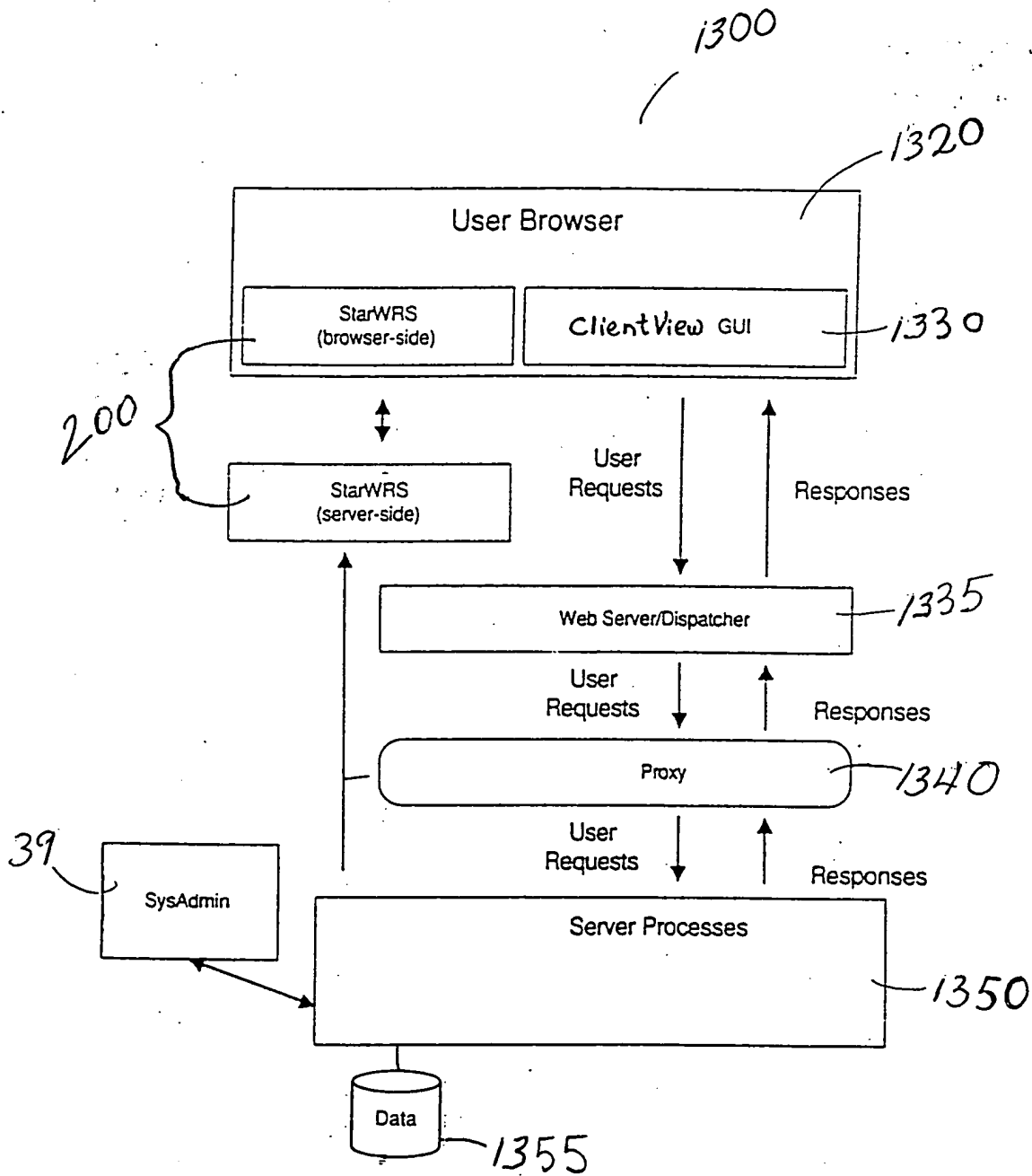
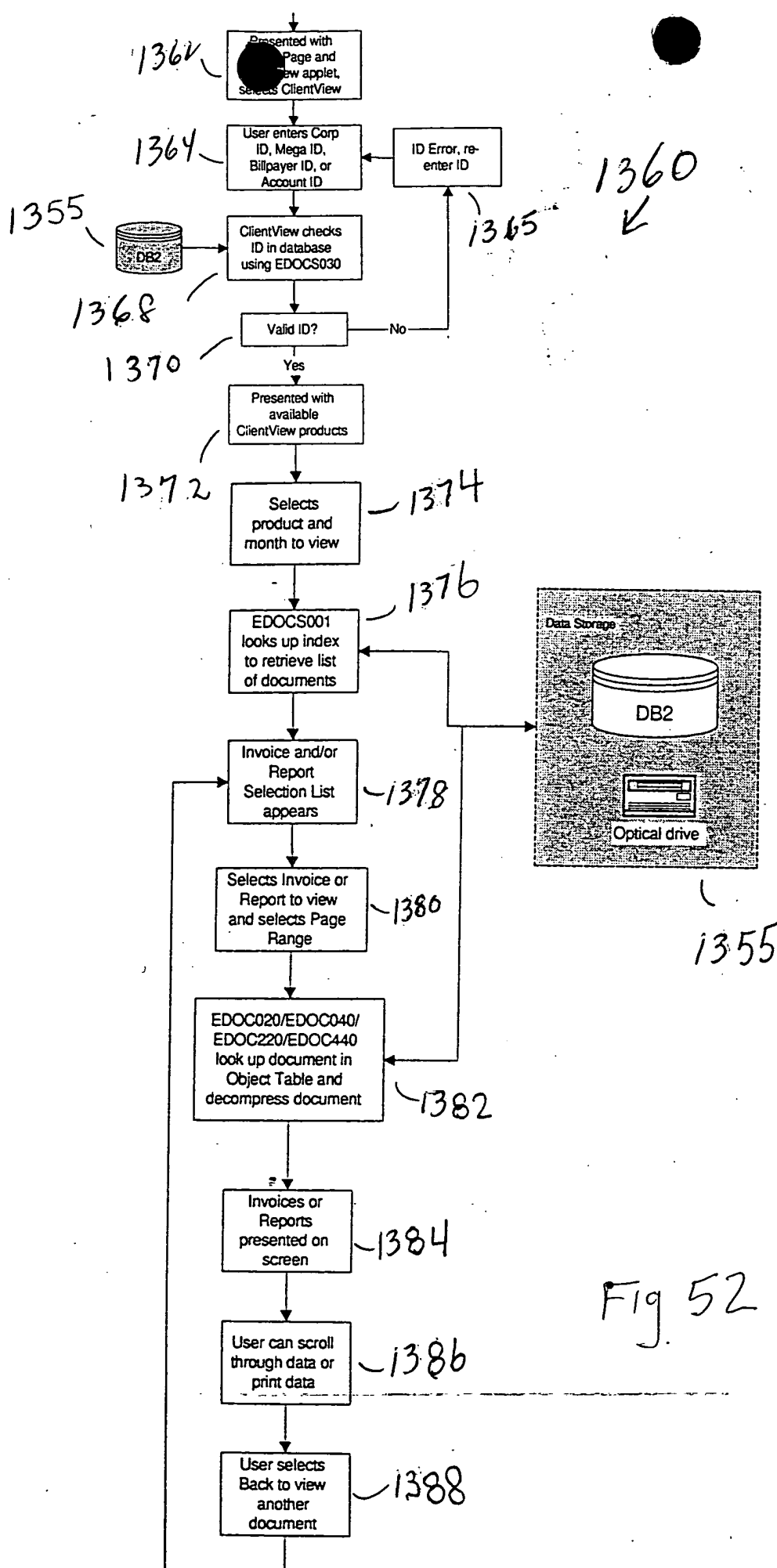


Figure 51



1900

**Online Invoicing for Corp ID 99991477**

File Help Retrieve Help Cust Service

**Customer IDs** 1902

Corpid's — 1906

99120849

99746242

99991477

**Products**

Concert Cross Border Reporting

Metro Local Service Invoices

Vnet Invoices

**Dates** 1912

1998 Jul

1998 Jun

1998 May

1998 Apr

1998 Mar

1998 Feb

1998 Jan

1997 Dec

1997 Nov

1997 Oct

1997 Sep

1997 Aug

1997 Jul

1997 Jun

1997 May

1997 Apr

1997 Mar

1997 Feb

**Ready** **Selected: Vnet Invoices**

Warning: Apple Window

1904

Figure 53(a)

1917

Figure 53(b)



864260"5696560

1925

Invoice: 061546245

File

Find

Page

View

Help

Find

Back

Next

Retrieve

Print

Help

Cust Service

SUMMARY OF AMOUNT DUE

CITICORP USPCG (CORP. FEATURE)  
12355 SUNRISE VALLEY DRIVE ATTN: INVOICE ADMINISTRATION  
RESTON, VA. 22091

BILLING PERIOD 06/01/98 THROUGH 06/30/98

CUSTOMER NUMBER 99991477 BILL PAYER Y0051360 NODE NO. 00099156

INV

INV

PAC

ACC

DESCRIPTION

CORPORATE  
LEVEL  
CHARGES

LOCATION  
LEVEL  
CHARGES

CURRENT CHARGES UNDER CITICORP/WCI/CITIBANK SD 9999147799991477

LONG DISTANCE USAGE CHARGES\*

DOMESTIC \$0.00

INTERNATIONAL DDD 0.00

CUSTOMIZED ANNOUNCEMENTS 0.00

DIRECTORY ASSISTANCE 0.00

TOTAL \$0.00

NON-USAGE

FEATURES \$0.00

SUPPLEMENTAL CHARGES 0.00

ALLOCATED CHARGES\*\*\* 35,000.53

MISCELLANEOUS\*\*\*\* 0.00

35,00

Page 1 (in range 1 to 3)

Figure 54

# ClientView Server Process Flow

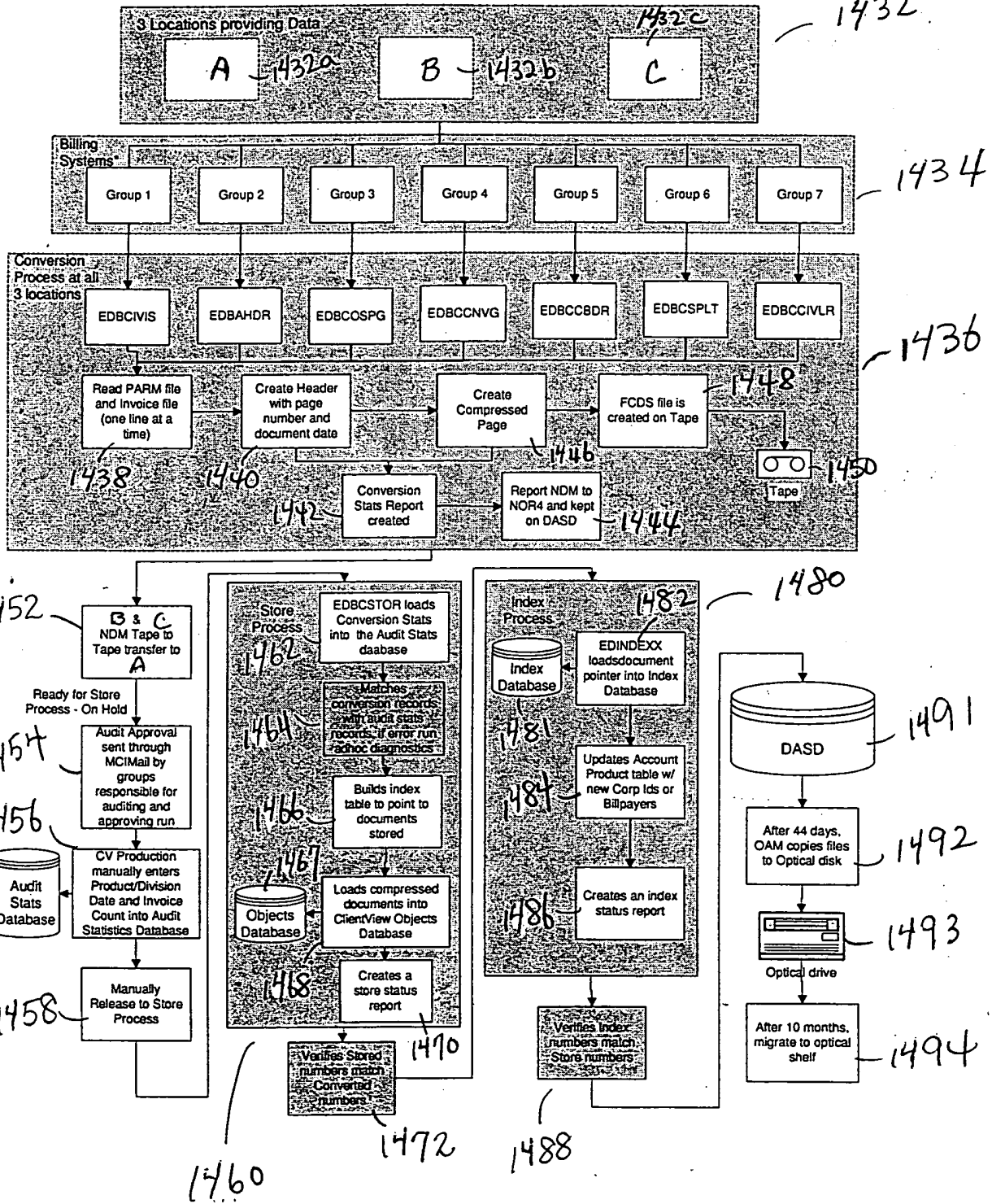


Figure 55

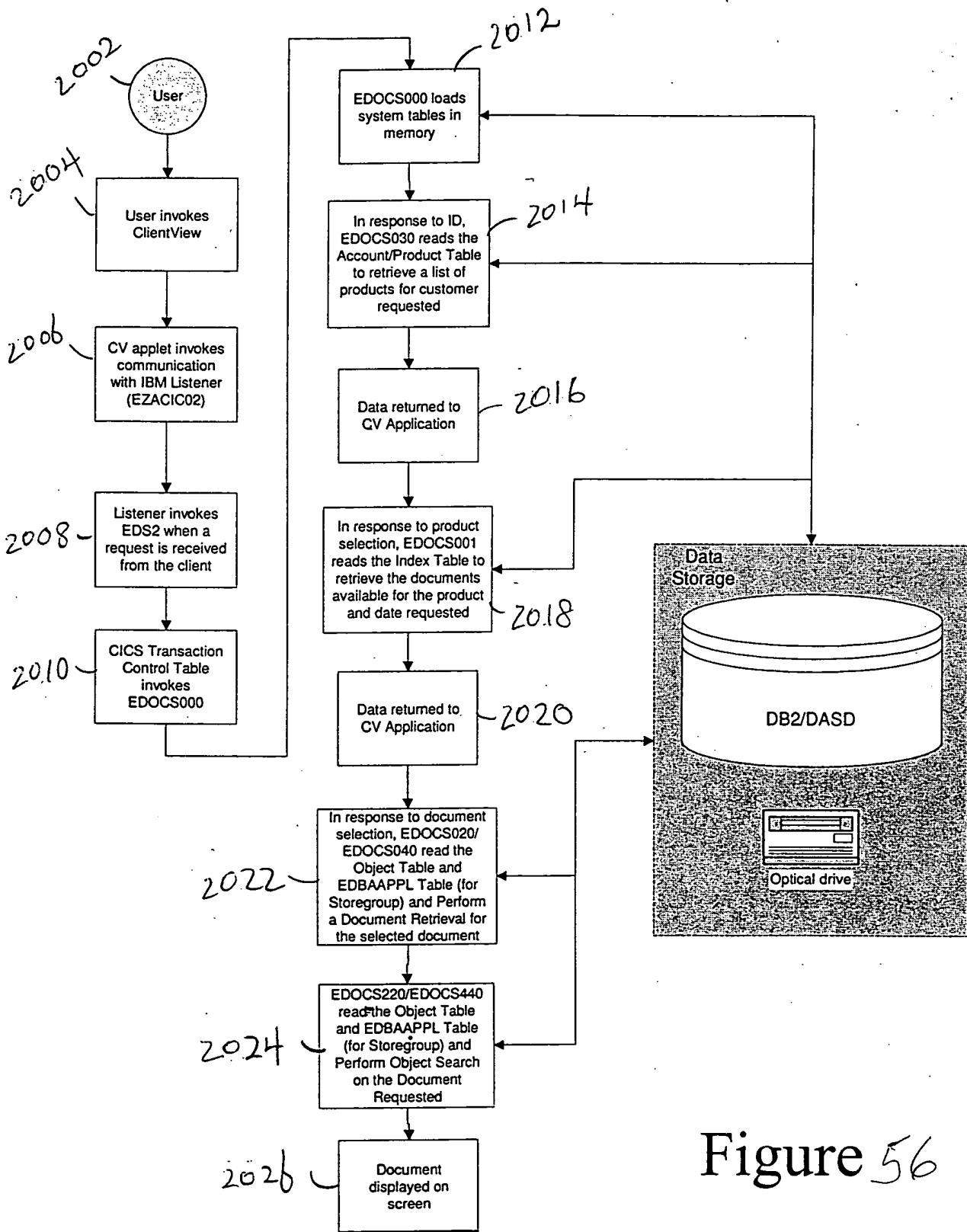
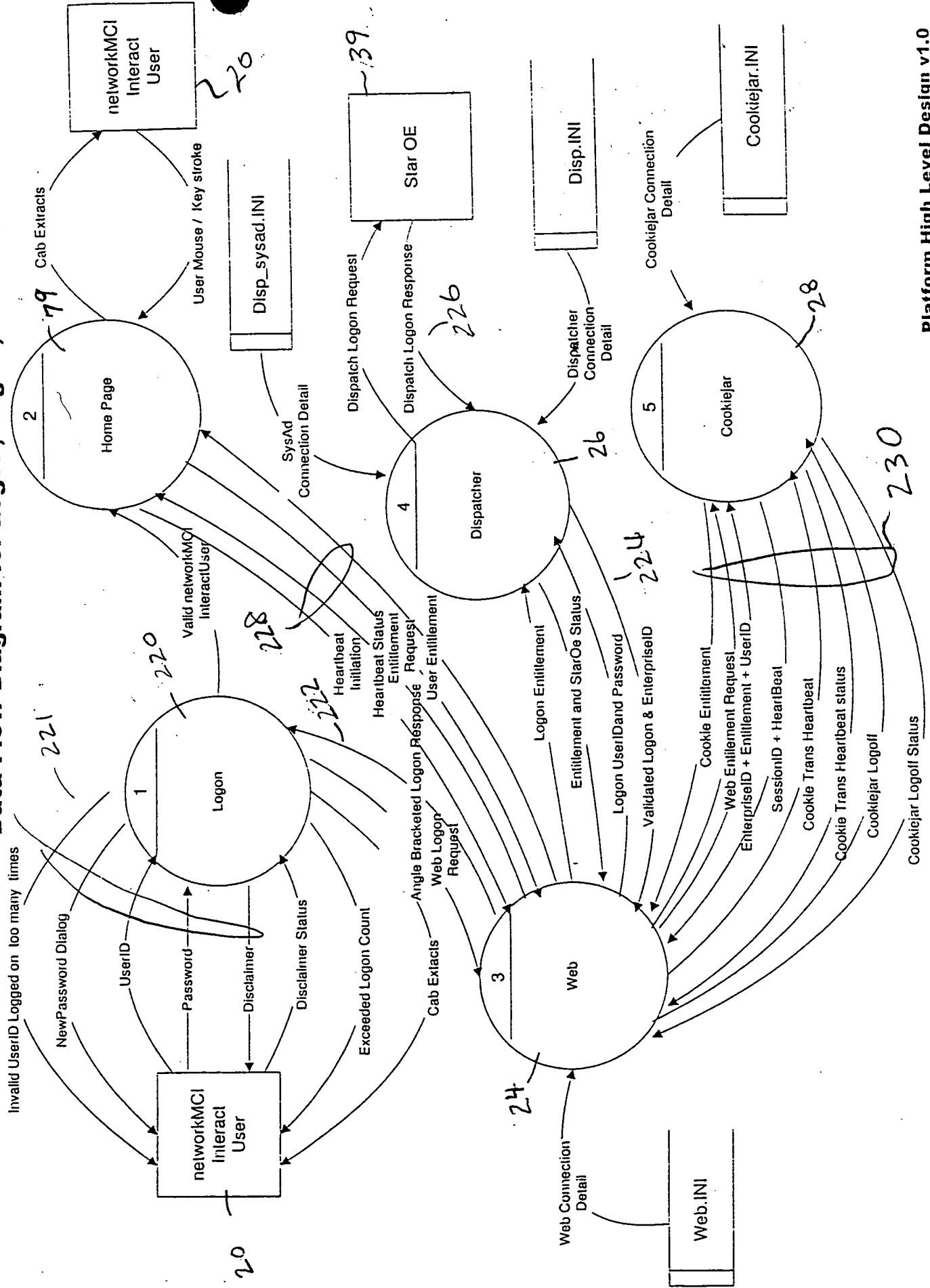


Figure 56

# Data Flow Diagram for Logon, Logoff, HeartBeat, and Entitlement



05/22/98

## Data Flow Diagram For Transactions

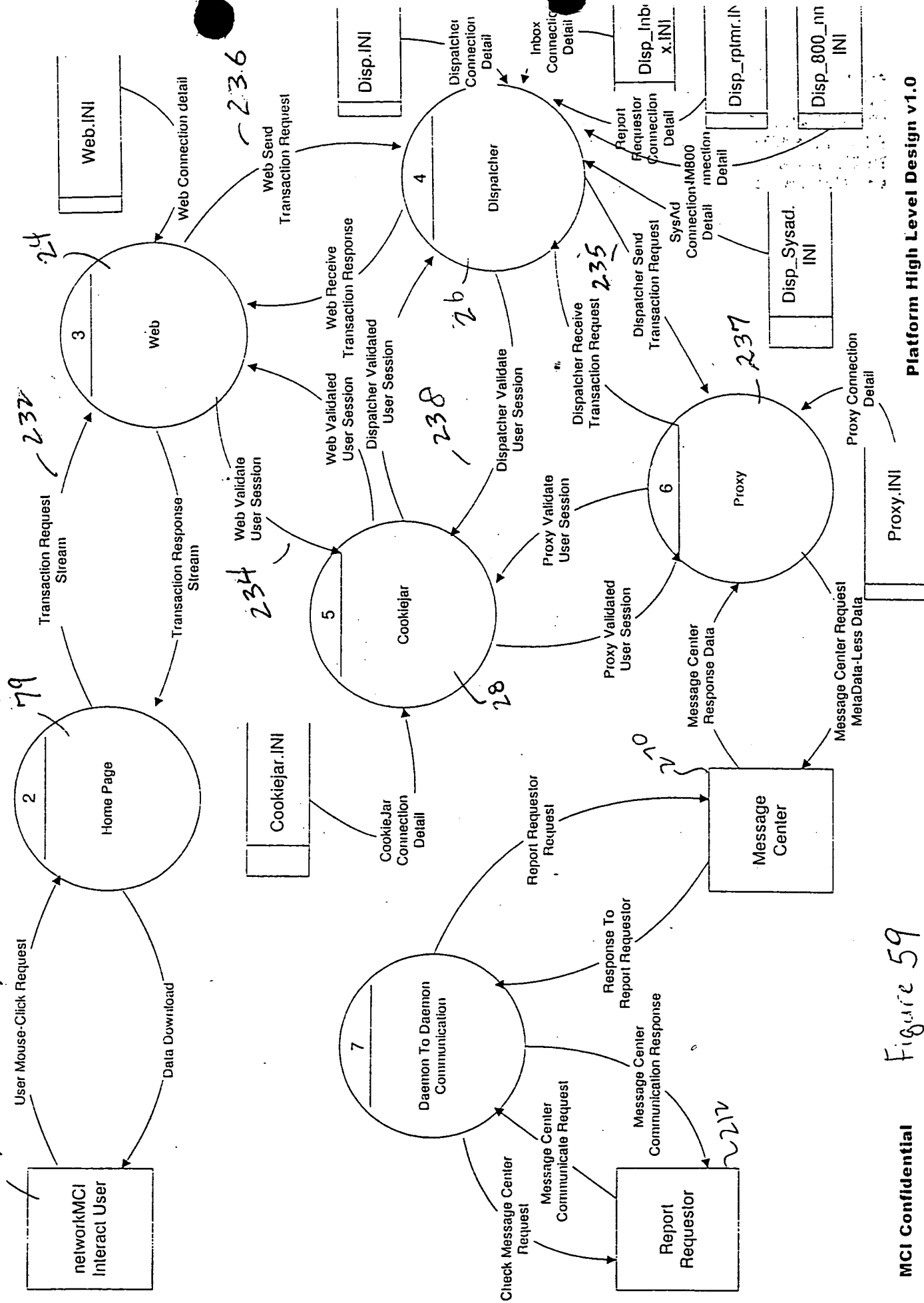


Figure 59

864260" 5635560

40

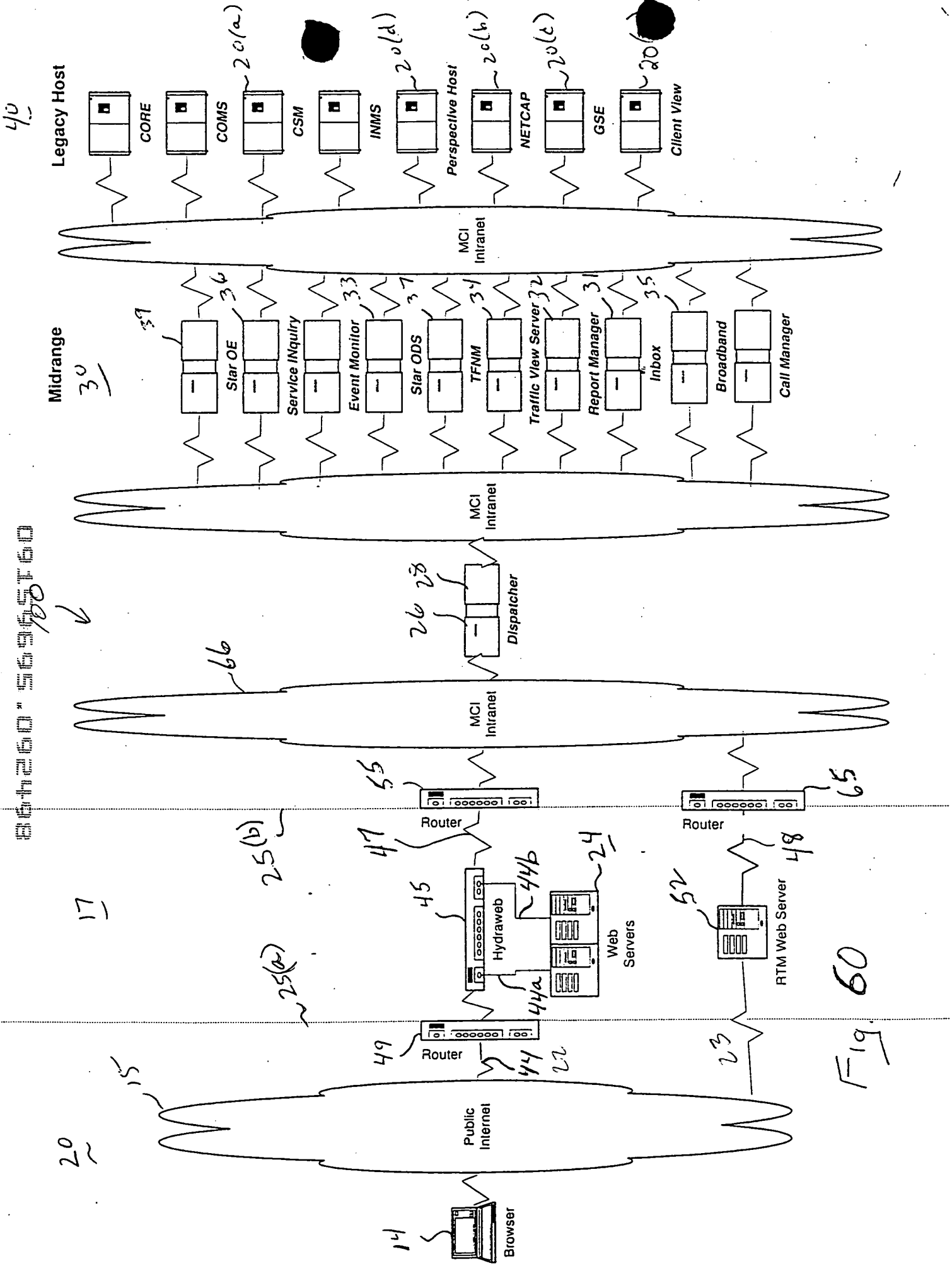


Fig. 60

# Dispatcher/Proxy Interface

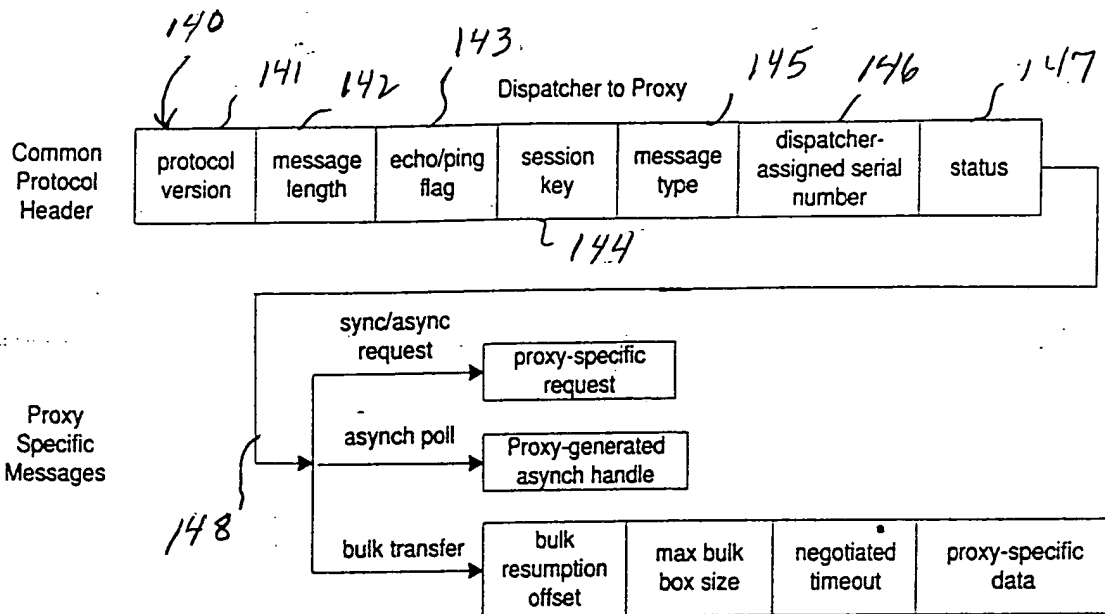


Figure 61(a)

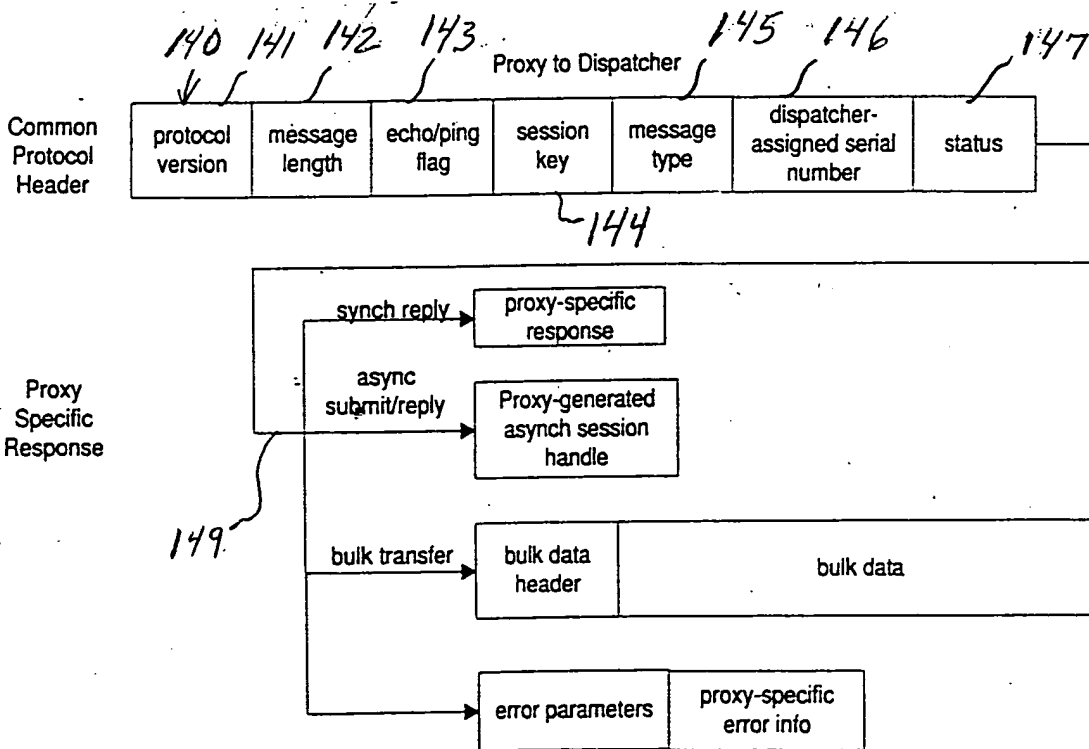


Figure 61(b)